




# **WHO OWNS KNOWLEDGE**

**TURIN  
2024**

**30th May – 2nd June**

ideazione, progettazione e organizzazione

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*Editori*  *Laterza* con la direzione scientifica di **Tito Boeri**

coordinamento del TOLC (Torino Local Committee)

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## WHO OWNS KNOWLEDGE

Technological progress is a crucial ingredient of economic growth. Its role is likely to become even more important in the years to come: declining fertility rates in advanced economies may, in the long run, lead to worsening living standards as well as making our social protection and health care systems unsustainable. To avoid this, it is necessary to achieve higher productivity levels by increasing the value added generated by those who work.

Today, technological progress is largely tied to knowledge and the use of information to create value. Progress is made by using enormous databases and being able to “make them talk” through algorithms capable of processing this enormous information database. The intelligence artificially generated with these algorithms is applied in a wide variety of fields: from medical diagnoses to civil justice, from fighting crime to education.

Whenever there is an acceleration of technological progress, there are fears regarding the impact it may have on labor. The history of ideas is paved with technological pessimism, yet many catastrophic predictions about the impacts of new technologies have turned out to be unfounded. The end of work has been decreed hundreds of times, yet millions of jobs continue to be created in economies around the world, and the rate of employment (the ratio of employed people in the working-age population) has been on the rise everywhere during the 20th century and beyond. Unemployment is also at historic lows in many countries.

But the new frontiers of technological progress are redefining the way we work far more than in the past. Machines are no longer in a position to replace humans only in repetitive, routine tasks, but also in intellectual tasks and professions. Once the exclusive prerogative of human beings, tasks such as writing, translating or drawing can now be performed by machines instead of people. Some fear that these developments, instead of being driven by humans in order to elevate the quality of our work, will be taken over by algorithms deciding for us in ways that can come to our disadvantage. Others, that we will accelerate the creation of super-intelligent entities whose values are misaligned with ours. Delegating choices to algorithms can lead to socially harmful results: what happens when an algorithm decides that to maximise its goal it is best to discriminate or be unlawful? Who will be responsible for its choices?

Rather than retroactively coping with the impacts of technological progress, the crucial issue is to govern its development and regulate access to the immense source of data on which it relies. But how can we do this? The digital revolution has transformed how we book a plane and how we choose a restaurant, how we watch a movie and how we listen to music, how we learn and how we communicate, how we buy and how we pay, how we find jobs and how we meet new people. All these choices generate information: in other words, knowledge. Who controls and exploits these immense sources of data? And to what end? Do governments have the strength to place restrictions on the internet giants that own the information?

The economies of scale behind these processes, often based on the gathering of information and the personalization of supply, have increased the concentration of information and the economic power that derives from it. Think of the rise of the platforms we all know - Netflix, Spotify, Booking, Amazon etc. Similarly, social media - Instagram, Facebook, X - have made it possible to communicate at no cost for billions of people.

This concentration, the existence of a few dominant networks, the fact that we can do everything on one platform, makes our lives easier. More choice, more convenience, more information, at often lower prices. But concentration also reduces competition and innovation and can leave many behind. Innovative startup companies have decreased.

There are people and businesses at a disadvantage who are at risk of falling even further behind.

Older people and less dynamic companies are being asked to make a greater effort to keep up with the pace. Furthermore, there are people and businesses that simply do not have the resources to equip themselves with cutting-edge technology. The risk is that inequalities in access to technologies, just as in the ability to use them, will increase existing social tensions.

Platforms make money by selling companies advertising space on their websites and apps while also monetizing the enormous amount of information they collect on the behaviors of those who use them. How legitimate is it to use knowledge that is socially produced? To what extent can property rights be exercised over it? What restrictions should be imposed to protect privacy?

Questions also arise regarding the origin of information and machine-generated content, which can have significant implications for trust and authenticity in the digital age. How can I verify whether a ChatGPT-generated text is true? While the knowledge economy's massive use of artificial intelligence can lead to increases in productivity with few precedents in history, it also opens up economic, social and ethical issues that are wholly unexplored.

From the 30th of May to the 2nd of June, we will discuss these issues in Turin with those who have spent the last years studying them: economists, computer experts, technologists, historians, sociologists, lawyers, media scholars and entrepreneurs. With inclusive, non-specialist language that leaves no one behind, as too often technologies do.

**Tito Boeri**  
Scientific Director

The International Festival of Economics (IFE) is born out of the collaboration between the TOLC (Turin Local Committee), coordinated by the Collegio Carlo Alberto Foundation to connect local activities conceived and designed by Editori Laterza, the Editorial Committee and the scientific Director, professor Tito Boeri.

In addition to the Collegio Carlo Alberto Foundation, an institute for research and advanced training in economic and social sciences, the TOLC is composed of the Region of Piedmont and the City of Turin, the Compagnia di San Paolo Foundation, the CRT Foundation, the University of Turin, the Turin Polytechnic, the Turin Chamber of Commerce, the Unioncamere Piemonte, the Unione Industriali Torino and Legacoop.

TOLC actively participates in ensuring a meaningful and engaging experience for all participants in the IFE, an event that aims to promote dialogue and an exchange of ideas and perspectives on the future of the global economy. With the participation of distinguished international speakers and experts, the Festival is distinguished by its solid scientific approach to divulgation, its ability to involve the community on crucial issues to understand the present and build the future.

This approach is one with the mission and strategy of all Committee members, involved in protecting the common good, encouraging the growth of the area and improving the life of the collectivity. The TOLC thus acts as a collaborative network between institutions, organizations and local associations that share the same goals.

TOLC  
Torino Local Committee

## Acknowledgments

A special thanks to all those who collaborated in the organization of the Festival.

Governance of the TOLC  
Giorgio Barba Navaretti, president  
Pietro Garibaldi, coordinator  
Paolo Mulassano, deputy coordinator  
Paolo Campolonghi, secretary  
TOLC Executive Coordination  
Paolo Campolonghi  
Chiara Guido  
Antonella Massia

Circolo dei lettori Foundation  
Libreria Il Ponte sulla Dora

National Cinema Museum - Turin

We would like to thank Intesa Sanpaolo and Reale Mutua for contributing to the Festival's conviviality.

Publishing houses:  
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Thanks to Eva Giovannini, coordinator of the "Meet the author" segments taking place at the Circle of Readers.

Thanks to Marco Onado for contributing to the Cineconomia review.

## Future Economy - the International Festival of Economics for the youth

One of the aims of the International Festival of Economics is to actively involve young people in order to promote a greater awareness of the socio-economic issues that are crucial for their future and their everyday choices.

Within the program, numerous scheduled events deal with topics of interest to the new generations with a special focus on the themes of technological change and its impacts, as well as knowledge development. In particular, the **Future Economy** format includes awards for the winners of the **EconoMia** and **EcoQuiz** competitions, which involve first and second-grade schools from all over Italy, and two workshops in which participants will actively practice defending themselves against fake news.

The commitment to promoting a strong economic-financial education was also articulated in the months before the review. Coordinated by the Compagnia di San Paolo School Foundation, numerous workshops and educational visits were organized for local primary and secondary schools, in collaboration with the **Bank of Italy**, the **Museo del Risparmio** and **Xkè? Curiosity Lab**. These institutions made their expertise and spaces available free of charge, thus offering classes stimulating introductory content to key concepts in economics, encouraging interaction and active participation.

From March to May 2024, students from secondary schools in Turin and Piedmont were involved in two cycles to introduce the International Festival of Economics. The first, curated by the Education Area of **Unione Industriali Torino** and **Collegio Carlo Alberto**, involved 8 schools in workshops and lectures held by experienced academic teachers, who proposed innovative keys to understanding the different fields of application of economic theories. The second, curated by **Legacoop Piemonte** and **Collegio Carlo Alberto**, offered peer-to-peer education experiences in collaboration with the Collegio Carlo Alberto Alumni Association and YouTrend, ranging from financial education, to problematizing the fruition of social media contents and introducing basic concepts of generative artificial intelligence.

The International Festival of Economics finds a frame of reference in **Torino Futura**, an initiative of the City of Turin that was born to offer a cultural project for young people and schools of all levels. The project, coordinated by the Cultural Policies and Educational and Youth Policies Departments, is based on four major cultural festivals that have centred their activities on the development of critical thinking: Biennale Democrazia, Biennale Tecnologia, Festival Internazionale dell'Economia e Salone del Libro.

Through these events, Torino Futura intends to permeate all of the city's major cultural events with specific actions and activities aimed at young and very young people, multiplying occasions for reflection, dialogue and civic protagonism throughout the course of the year. It is in fact of paramount importance to offer young people opportunities for education and real civic engagement that stimulate a sense of community and active citizenship.

## For information

info@festivalinternazionaledeleconomia.it

Telephone +39 350 0889538

Opening times:

Tuesday 14.00 - 18.00

Wednesday 9.00 - 13.00

Thursday 14.00 - 18.00

Friday 9.00 - 13.00

## Administrative office

Ing.entilmente srl

## Event set-up

Event 3

## Press Office

Nicola Attadio

CherryRun Officina letteraria

Tel. +39 346 4936539

e-mail: attadio@cherryrun.it

Antonia Laterza

Head of Press Office

Gius. Laterza & Figli

Tel. +39 3404603524

e-mail: antonia.laterza@laterza.it

Fabrizia Conti

Press Office

Gius. Laterza & Figli

Tel. +39 333 4725827

e-mail: conti@laterza.it

Antonella Massia

TOLC press and communications office

Tel. +39 347 0855233

e-mail: antonella.massia@carloalberto.org



## Scientific Director

Tito Boeri

## Editorial committee

Giorgio Barba Navaretti

Innocenzo Cipolletta (coordinator)

Maria Laura Di Tommaso

Pietro Garibaldi

Giuseppe Laterza

Stefano Sacchi

Michael Spence

Francesca Trivellato

## Festival Coordinator

Rossano Montaruli

## Assistant to the Scientific Director


Giacomo Massimiliano Anastasia

[www.festivalinternazionaledeleconomia.com](http://www.festivalinternazionaledeleconomia.com)

The organizers of the International Festival of Economics reserve the right to make changes to the programme after the printing of this publication. Programme information, last-minute changes, schedule shifts, and suspended or canceled events are constantly reported on the website at [www.festivalinternazionaledeleconomia.com](http://www.festivalinternazionaledeleconomia.com), or updates can be requested by e-mail at [info@festivalinternazionaledeleconomia.it](mailto:info@festivalinternazionaledeleconomia.it).

Scheduled events that can be followed live can be found at [www.festivalinternazionaledeleconomia.com](http://www.festivalinternazionaledeleconomia.com). The website also shows which events are translated into sign language.

The **central programme** of the Festival, highlighted in green, is prepared by the organizers together with the scientific director. The **participatory programme** is made up of meetings proposed by the publishers and other organizations that take full responsibility for them.

A simultaneous translation (English to Italian and Italian to English) service is provided for events marked with .

A sign language translation service is provided for events marked with .

**Admission to the events is free of charge subject to availability.**

**For initiatives hosted in the Auditorium of the Intesa Sanpaolo skyscraper, booking is compulsory. More information on the Festival website.**

**The workshops "THE ANTIDOTE IS THE DATA: INFORMATION WITHOUT FAKE NEWS" on Friday, May 31st, and Saturday, June 1st, scheduled at 10:30 a.m., are reservation only; for info and reservations see the Festival website.**

**Admission to the ARMONIE ITALIANE concert at the Regio Theater on June 2nd is free of charge. It is possible to reserve tickets online at [www.teatroregio.torino.it](http://www.teatroregio.torino.it) subject to seat availability and for a maximum of 4 tickets.**

**RAINEWS.IT AND  
RAI NEWS24**  
8.00 – 20.00

Live links and interviews from the Festival are hosted throughout the day within the RaiNews24 schedule and the Economia24 column.

**RAI RADIO1**  
12.25  
**Circolo dei lettori**

**SPORTELLO ITALIA**

Presented by **AMERICO MANCINI**

Sportello Italia live from the International Festival of Economy. Featured on Rai Radio's program are economic issues that affect citizens, female success stories and trades old and new. Plus a look at technological innovation and the big issues in the world economy.

**INAUGURATION**  
15.00  
**Teatro Carignano**

**GIORGIO BARBA NAVARETTI, TITO BOERI, INNOCENZO  
CIPOLLETTA, PIETRO GARIBALDI, GIUSEPPE LATERZA**  
Moderator **ALESSANDRA PERERA**

**Streaming available**

**Greetings from the institutions**



## WITNESSES OF OUR TIME

16.00

Teatro Carignano

Streaming available



**PAOLO GENTILONI**

### THE GROWTH OF EUROPE: WHAT PROSPECTS?

Introduced by **ANDREA MALAGUTI**

Between demographic decline, geopolitical tensions, ecological and digital transition, there is no shortage of challenges for Europe in the coming years. Against this backdrop, what can be done to boost Europe's economic growth and improve the well-being of its citizens? How can the revival of productivity be reconciled with a strategy to reduce Europe's vulnerability to crises? In short, what prospects for Europe, one week before the elections?

## MARCO FANNO LECTURE

17.00

Collegio Carlo Alberto  
Common Room

Streaming available

**ALESSANDRA VOENA** 

### HOW ARE GENDER NORMS PERCEIVED?

Introduced by **TITO BOERI**

The lack of gender equality is a major problem in all parts of the world, but the gap varies considerably from country to country. It ranges from women not having the same basic rights and freedoms as men, to women being under-represented in leadership positions in both the private and the public sector. Actual and perceived gender norms can also induce equal opportunity policies not supported by women themselves. How do misperceptions vary across societies and policies?

## DIALOGUES

17.30

Circolo dei lettori

**ILVO DIAMANTI, NANDO PAGNONCELLI**

### PUBLIC OPINION IN THE AGE OF DIGITAL INFORMATION AND ARTIFICIAL INTELLIGENCE

Moderator **INNOCENZO CIPOLLETTA**

The demoscopic survey, conducted by Ipsos on a representative sample of the Italian population, focuses on different aspects of information in the digital age: from the spread of platforms to the concentration of knowledge, from the respect of people's privacy to the role of Artificial Intelligence and its impact on the lives of Italians. How should the complexity of these processes be governed?

## **DEBATES**

17.30

**Intesa Sanpaolo  
Auditorium  
skyscraper**

## **LEGAL ECONOMY AND ARTIFICIAL INTELLIGENCE**

by AFC Digital Hub

Participants **FRANCESCO BONCHI, BARBARA CAPUTO,  
VALERIO CENCIG**

Moderator Bruno Ruffilli

Criminal phenomena in the financial sector pose a major challenge to the legal economy. What role can Artificial Intelligence play in an increasingly international and digital financial crime environment?

## **DEBATES**

18.00

**Museo  
del Risorgimento  
Camera Italiana Room**

## **TECHNOLOGY AND BUSINESS: WILL ARTIFICIAL INTELLIGENCE GOVERN THE ECONOMY?**

by University of Turin

Introduced by **FRANCESCA CULASSO**

Participants **RICCARDO BELTRAMO, LAURA BROCCARDO,  
STEFANO CERRATO, ALBERTO FERRARIS, IVAN GNESI,  
PATRIZIA PIA, FRANCESCA RICCIARDI**

Businesses are the focus of the Management Department, which studies aspects of them related to the transformation of material and energy resources and the organization of human and economic resources, within the framework of legal and financial instruments offered by the context. Artificial Intelligence, an example of rapid and pervasive technological innovation, could radically change the distribution of knowledge and revolutionize business plans.

## INTERSECTIONS

18.30

Accademia delle  
Scienze di Torino  
Sala dei Mappamondi



## GUIDO BARBUJANI

### HUMANS SINCE WHEN?

Introduced by **NICLA PANCIERA**

Before Darwin the issue was easy: ever since we were created, we have always been human. By placing us in the wider story of our evolution as a species, Darwin also raised the issue, only to immediately set it aside. The question is “uninteresting”: it all depends on our definition of human, which is entirely subjective. Today, however, studies of fossils, archaeological discoveries and DNA samples allow us to reconstruct some key steps in the evolutionary journey of our ancestors in order to seek some answers.

## DEBATES

18.30

Museo del Risparmio

## TRAINING ECONOMIC AND FINANCIAL SKILLS TO BE FREE CITIZENS

by Museo del Risparmio

Participants **ELSA FORNERO, GIOVANNA PALADINO,  
DANIELE PREVIATI**  
Moderator **CLAUDIA LUISE**

Financial education is fundamental: being active citizens also means delving into topics related to managing one's money and acquiring knowledge and skills useful for one's own well-being and the well-being of our communities. At what point are we in Italy? What can be done to spread the knowledge required for conscious choices to a wider segment of the population, old and young? How can we succeed in making a difference after a decade of experimentation?

## VISIONS

19.00

Teatro Carignano

Streaming available



## TOMASO POGGIO

### THE SCIENCE AND THE ENGINEERING OF INTELLIGENCE

Introduced by **TITO BOERI**

Will science or engineering win the race for AI? Do we need to understand the brain in order to build intelligent machines, or not? Are there theoretical principles underlying those architectures, including the human brain, that perform so well in learning tasks? Though we do not have a full theory of deep learning, there are good reasons to believe in the existence of some fundamental principles of learning and intelligence. In the race for intelligence, understanding such principles and applying them to brains and machines is a compelling and urgent need for our society.

## AT THE FRONTIER

19.00

Collegio Carlo Alberto  
Common Room

**MICHELE BELOT** 

### AUTOMATING ADVICE TO JOB SEEKERS

introduces **STEFANO SACCHI**

New technologies have revolutionized the way people search for jobs. Job seekers and employers now have access to a large amount of information about potential matches, and online search platforms facilitate matching by using sophisticated recommendation systems. This lecture reviews the potential as well as the challenges associated with using AI and new technologies in matching employers to workers.

## CEPR SESSION

19.30

Collegio Carlo Alberto  
Auditorium

**FRANCESCO GIAVAZZI, JEROMIN ZETTELMEYER** 

### HOW TO DE-RISK: EUROPEAN ECONOMIC SECURITY IN A WORLD OF INTERDEPENDENCE

coordinates **MANLIO GASPAROTTO**

Europe has a crucial economic security challenge in the face of supply chain vulnerabilities and geopolitical shocks. Where is Europe most vulnerable and where and how it should de-risk? Answering depends on examining history, trade policy, import dependencies, and the economic impact of a decoupling from China. Ensuring Europe's economic security will need to go beyond diversifying sources of supply for specific goods, and include a strategy to reduce its trade integration with China, and a strategy to strengthen its single market.

## RAI RADIO1

19.30

Circolo dei lettori

### ZAPPING

Hosted by **GIANCARLO LOQUENZI**

Live from the International Festival of Economics. For almost 30 years, RAI RADIO 1 has been reporting the news of the day, from Italian and international TV news to the web. A multimedia platform that integrates radio, TV and social media.

**CINECONOMIA**

20.30

**Cinema Massimo**

**METROPOLIS**

Directed by FRITZ LANG

Starring BRIGITTE HELM, ALFRED ABEL, GUSTAV FRÖHLICH

by Museo Nazionale del Cinema

Introduced by **GRAZIA PAGANELLI**



**RAINEWS.IT AND  
RAI NEWS24**  
8.00 – 20.00

Live links and interviews from the Festival are hosted throughout the day within the RaiNews24 schedule and the Economia24 column.

**RAI RADIO3**  
10.00  
Circolo dei lettori

### **TUTTA LA CITTÀ NE PARLA**

Hosted by **PIETRO DEL SOLDÀ**  
by **CRISTIANA CASTELLOTTI**  
with **ROSA POLACCO**

Guests and themes, books and stories: the events of the Festival described live each day to the audience in the square and Radio3 listeners.

**KEYWORDS**  
10.00  
Collegio Carlo Alberto  
Common Room

**EMILIO CALVANO** 

**AI AND MARKETS**  
Introduced by **LAURA ABRARDI**

How is artificial intelligence making skills and knowledge obsolete in the workplace? How does it simultaneously influence our choices - what we buy, read, watch, and listen to - and the price we pay for goods and services?

## **FUTURE ECONOMY**

10.30

**Collegio Carlo Alberto  
Classroom 3**

## **THE ANTIDOTE IS THE DATA: INFORMATION WITHOUT FAKE NEWS**

Coordinated by YouTrend team

What is fake news? Is disinformation a modern problem? What is the impact of new technologies on their dissemination? How can you provide information using data? This workshop offers a full immersion into the fake news landscape, examining the technological tools that make it possible, including the use of generative AI. The Quorum/YouTrend team will guide participants through the process of creating data-driven news content, starting with identifying reliable sources and proceeding to effectively collect and visualize data. In hands-on sessions, participants will be challenged to select relevant data, choose appropriate visualizations and write headlines that clearly communicate the key message. The goal is to equip participants with the tools needed to identify and counter misleading content, promoting responsible dissemination based on accurate data.

Workshop limited to under-30 year olds. Booking is required. Info at [www.festivalinternazionaledeleconomia.com](http://www.festivalinternazionaledeleconomia.com).

## **DEBATES**

10.30

**Auditorium Oratorio  
San Filippo Neri**

**Streaming available**

## **TAKING ON THE CHALLENGES OF TODAY'S YOUTH: HOW TO IMPROVE PSYCHOLOGICAL WELL-BEING AND TEACH ECONOMIC INDEPENDENCE**

by Global Thinking Foundation

Participants **ENRICO GIOVANNINI, MARIA TERESA FURCI, VINCENZO SALCONE, CLAUDIA SEGRE**  
Moderator **FULVIO GIULIANI**

Schools often struggle with the distress of young people who are victims of behavioral addictions. The Global Thinking Foundation creates innovative training paths, with languages and modes of operation that are adapted to different contexts. These can become part of Civic and Financial Education activities in schools in order to improve the psychological well-being of young people and make them more independent and aware. Considerable attention is paid to the results of these projects thanks to the social impact analysis that is carried out during the school year.

## VISIONS

11.00

Collegio Carlo Alberto  
Auditorium

Streaming available

JOHN VAN REENEN 

## SAVING THE WORLD THROUGH INVESTING IN KNOWLEDGE

Introduced by **CRISTINA MARULLO**

The world is in a funk. Slow average income growth over many years has caused many Western citizens to believe their economic prospects will be worse than their parents. Their anger has fed authoritarian movements eroding our liberal democracies from the inside, just as they are threatened militarily from the outside. Yet, decline isn't fate. Environmentally sustainable and socially equitable growth is achievable. A new Growth Plan should be centered around long-term investing in knowledge, people and infrastructure, coupled with radical changes in our institutions and politics.

## DIALOGUES

11.00

Museo  
del Risorgimento  
Camera Italiana  
room

CHIARA GORETTI, DANIEL GROS

## THE NEW STABILITY AND GROWTH PACT: MISSED OPPORTUNITY OR STEP FORWARD?

Moderator **FABRIZIO GORIA**

After years of discussion and months of negotiation, an agreement was reached last December to change the Stability and Growth Pact. How do the new European rules impact on national budgets and what does this reform mean for Italy? What has been done well and what could have been done better? Is it a downward political compromise or a significant improvement?

## WITNESSES OF OUR TIME

11.00

Teatro Carignano

Streaming available



FABIOLA GIANOTTI

## THE HIGGS BOSON AND OUR LIFE

by Fondazione Agnelli

Introduced by **ANDREA GAVOSTO**

Fundamental research in physics aims at understanding the structure and evolution of the universe and to address other fascinating questions that humanity has been asking over the centuries. It also drives innovation, and many of the technologies developed in fundamental physics have had a major impact on society and everyday life.

## DEBATES

11.00

**Auditorium  
grattacielo  
Intesa Sanpaolo**

Streaming available

## THE WORLD HAS LOST ITS COMPASS. THIRD REPORT ON THE POSTGLOBAL WORLD

by Centro di Ricerca e Documentazione Luigi Einaudi with the support of Intesa Sanpaolo

Participants **MARIO DEAGLIO, GREGORIO DE FELICE,  
BEPPE FACCHETTI, ALESSANDRA LANZA, NATHALIE  
TOCCI**

Coordinated by **PAOLA PICA**

2024 will see more than 60 countries voting in elections, representing just under half of the world's population and about 60% of its GDP. Large numbers and important issues on which voters must choose: the economy, society, politics and the climate, all in a spiral of growing conflicts. Are there still cardinal points people can refer to? The Report analyzes issues and scenarios in search of a compass.

## VISIONS

11.30

**CAMERA Centro  
Italiano per la  
Fotografia  
Sala Gymnasium**

**MICHAEL JORDAN** 

## AN ALTERNATIVE VIEW ON AI: COLLABORATIVE LEARNING, INCENTIVES, AND SOCIAL WELFARE

Introduced by **ALESSANDRA COLOMBELLI**

Recent developments in Artificial Intelligence (AI) have focused on a paradigm in which intelligence inheres in a single, autonomous agent. An alternative perspective is possible, in which intelligence inheres as much in the overall system as it does in individual agents, be they humans or computers, with implications for both machine learning and mechanism design.

**LUCA D'AGLIANO**  
**LECTURE**

12.00

**Collegio Carlo Alberto**  
**Common Room**

**THOMAS PHILIPPON** 

**REGULATING MARKET POWER AND BIG TECH ON THE**  
**TWO SIDES OF THE ATLANTIC**

Introduced by **THIERRY VERDIER**

Over the last decades, the European competition policy, including antitrust, has improved significantly. This has benefited EU consumers in many markets. However, regulating the tech sector has been a challenge. The productivity gap with the US is widening and requires a policy response.

**RAI RADIO1**

12.25

**Circolo dei lettori**

**SPORTELLO ITALIA**

Presented by **AMERICO MANCINI**

Sportello Italia live from the International Festival of Economy. Featured on Rai Radio's program are economic issues that affect citizens, female success stories and trades old and new. Plus a look at technological innovation and the big issues in the world economy.

**DIALOGUES**

12.30

**Auditorium Oratorio**  
**San Filippo Neri**

**Streaming available**

**ELISABETTA IOSSA, ROBERTO VIOLA**

**DATA AND ARTIFICIAL INTELLIGENCE: USES, ABUSES,**  
**AND POSSIBLE REMEDIES**

Coordinated by **PIETRO GARIBALDI**

Where do we stand on the regulation of artificial intelligence and data use, at the national and European level? How to guarantee competition in the digital sector and avoid excessive concentration? When does the use of data turn into abuse? How to protect the rights of those who use digital services?

## DIALOGUES

14.00

Collegio  
Alberto  
Common Room

Carlo

## PIETRO GARIBALDI, ANTONIO SPILIMBERGO

### WHICH FUTURE FOR THE LABOR MARKET?

Coordinated by **GRETA ARDITO**

Streaming available



Technology is redefining the way we work. Intellectual tasks, once only possible for humans, can now be performed by machines instead of people. What impact will this have on growth and employment? It is true that the 'end of work' has been announced several times, but economies around the world continue to generate millions of jobs. Will it be the same also this time? What policies should be put in place to protect workers? What role will knowledge play in tomorrow's labor market?

## DIALOGUES

14.00

Museo del  
Risorgimento  
Sala Codici

## STEFANO CORGNATI, FRANCESCA CORNELLI, ANTONIO MERLO, STEFANO GEUNA

### RESEARCH AND TEACHING IN THE TIME OF AI

Introduced by **MARIO PLATERO**

Streaming available

How is artificial intelligence changing the university world? What will be the impact on the way research is done? How will teaching keep up with the times? With ChatGPT and the like, how are student assessment and plagiarism prevention evolving? And what are the major benefits for students and teachers of using these tools?

## DEBATES

14.00

Accademia delle  
Scienze di Torino  
Sala dei  
Mappamondi

## KNOWLEDGE TO INNOVATE THE FRONTIERS OF NUCLEAR POWER

by Unione Industriali di Torino

Participants **MARCO ARESE, STEFANO BUONO**  
Moderator **LETIZIA TORTELLO**

Anche in streaming

Against the energy crisis and climate change, nuclear energy can play a strategic role in reducing the use of fossil fuels and improving energy security. While it remains a highly controversial and divisive topic, research in this field is proceeding apace: from the new generation of smaller, modular reactors, capable of significantly reducing the waste problem, to recent advances in the development of fusion as a clean and sustainable energy source, we will try to understand together what the future of nuclear power looks like.

**AT THE FRONTIER**

14.30

**CAMERA Centro Italiano per la Fotografia Sala Gymnasium**

**RICCARDO ZECCHINA** 

**WHAT NEXT? SCENARIOS OF WHAT WILL HAPPEN AFTER GENERATIVE ARTIFICIAL INTELLIGENCE**

Introduced by **MASSIMO TADDEI**

What are the potential scenarios emerging from the continued development of artificial intelligence (AI) technologies? What are the foundations of generative AI, the technical and conceptual limitations of the current state of the art, and the main challenges that remain open? What alternative models are currently being researched that aim to overcome these limitations? Such innovations may have socially impactful application spillovers due to the ability of these new systems to plan and make decisions based on alternative scenarios.

**AT THE FRONTIER**

15.00

**Museo del Risorgimento Aula Camera Italiana**

**Streaming available**

**RAFFAELLA SADUN** 

**RESKILLING IN THE AGE OF AI**

Introduced by **EUGENIO OCCORSIO**

The rapid evolution of new technologies is reshaping the landscape of skills and occupations. The OECD projects that 1.1 billion jobs will undergo significant transformation within the next decade. Reskilling — through training programs facilitating the transition from obsolete to in-demand occupations — is imperative, but is it possible to implement large-scale reskilling programs within a reasonable time frame? And what are the challenges and opportunities associated with such initiatives?

## VISIONS

15.30

Collegio Carlo  
Alberto  
Auditorium

Streaming available

JOSHUA GANS 

## SHOULD WE JUMP-START THE REGULATION OF ARTIFICIAL INTELLIGENCE?

Introduced by **GABRIELE BECCARIA**

Regulators around the world have jumped on the bandwagon to regulate AI. But when is such preemptive regulation valuable and when might itself be dangerous? This lecture will explore the broad trade-offs and missed opportunities.

## RAI RADIO3

16.00

Circolo dei lettori

## TUTTA LA CITTÀ NE PARLA

Hosted by **PIETRO DEL SOLDÀ**  
by **CRISTIANA CASTELLOTTI**  
with **ROSA POLACCO**

Guests and themes, books and stories: the events of the Festival described live each day to the audience in the square and Radio3 listeners.

## DIALOGUES

16.00

Museo  
del Risorgimento  
Sala Codici

**GIULIANO AMATO, INNOCENZO CIPOLLETTA**

## IF A MACHINE IS WRITING: HOW ARTIFICIAL INTELLIGENCE IS CHANGING PUBLISHING AND JOURNALISM

Coordinated by **ANDREA MALAGUTI**

The advent of AI both fascinates and frightens the publishing world. A broader knowledge will be available, making production easier, but we will be at the mercy of algorithms capable of fabricating facts, stories and news. How can we defend ourselves? How can we take advantage of them?



## VISIONS

16.00

Auditorium  
grattacielo  
Intesa Sanpaolo

Streaming available

DAVID CARD 

## THE TECH BOOM

Welcome greeting **GREGORIO DE FELICE**

Introduced by **TITO BOERI**

In recent years, demand for workers with technology skills has skyrocketed. Salaries for those specializing in computer science or data analysis have increased tremendously. As a result, once-niche fields such as "data science" and "computer science" are now leading the way. The knowledge required on the job market is increasingly technological: what impact is this having on students' choices and workers' careers? What can we expect in the future?

## DEBATES

16.00

Accademia delle  
Scienze di Torino  
Sala dei  
Mappamondi

## ENVIRONMENTAL SUSTAINABILITY BETWEEN ECONOMICS, TECHNOLOGY AND LAW

by Accademia delle Scienze di Torino

Participants **PAOLO MONTALENTI, GUIDO SARACCO**  
Coordinated by **SILVIA ROSA BRUSIN**

Economic issues raised by the global challenge on ecological sustainability are intertwined with technical-scientific issues on the one hand and socio-legal issues on the other. An engineer and a jurist discuss these together with a science and culture journalist. Among the different perspectives, a point of convergence emerges: the need for a more responsible awareness of the problem. The innumerable technical issues - a speedy reduction of greenhouse gas emissions, use of affordable renewable energy, advantages and disadvantages of hydrogen, etc. - must be addressed with greater solidarity between technical research and a humanistic spirit. Similarly, corporate environmental sustainability, alongside social and governance sustainability, can only be made compatible with the profit-and-interest agenda through legislation that promotes transparency and accountability.

## MEET THE AUTHOR

16.30

Circolo dei lettori

**FEDERICO FUBINI**

## L' ORO E LA PATRIA. STORIA DI NICCOLÒ INTRONA, EROE DIMENTICATO

by Mondadori

Introduced by **EVA GIOVANNINI**

## **HISTORY OF IDEAS**

16.30

**CAMERA Centro Italiano per la Fotografia Sala Gymnasium**

**Streaming available**

**JOEL MOKYR** 

## **SOCIAL ORGANIZATIONS AND USEFUL KNOWLEDGE: CHINA AND EUROPE, 1000-2000**

Introduced by **MATTEO TUBIANA**

Comparing the long-term historical trajectories of China and Europe, the best description is not so much a Great Divergence as a Great Reversal. Whereas in 1000 Song China was ahead in basically every dimension, from living standards to literacy and science, in 1900 this state of affairs was clearly reversed. The historical literature has come up with a variety of explanations for this divergence, and we propose a new one: the different character of social organizations that provided local public goods and club goods in the two civilizations.

## **DEBATES**

16.30

**Auditorium Oratorio San Filippo Neri**

## **ART AND THE MARKET: HISTORICAL PERSPECTIVES FOR THE CONTEMPORARY WORLD**

by Università degli Studi di Torino

With **MARIOLINA BASSETTI, GIOVANNI CASINI, LAURA MATTIOLI**

Moderator **GIANLUCA CUNIBERTI**

The centrality of an increasingly globalized and omnipresent art market has, over the past decades, ended up revolutionizing contemporary culture itself, leading to a contamination between traditionally distinct spheres such as the artistic-creative and the economic ones. While not losing sight of the origins of these phenomena in earlier times, in this conversation we intend to reflect on issues such as the relationship between art and its commercial value, institutions and networks in the art world, or the diversity of artistic practices that criticize or adapt to the structures imposed by the market.

## AT THE FRONTIER

17.00

Collegio  
Alberto  
Common Room

Carlo

GIACOMO CALZOLARI, VINCENZO DENICOLÒ 

## AI IN CONTROL: THE POWER AND PERILS OF ALGORITHMIC DECISION MAKING IN MARKETS

Introduced by **ELISABETTA OTTOZ**

AI is significantly impacting decision-making across various markets, providing more informed insights that can enhance efficiency and innovation. However, these advancements carry inherent and novel risks. How can we balance these benefits against the potential for unintended consequences? Addressing this question requires not only adapting AI technologies but also reconsidering our perspective on markets and their functioning.

## INTERSECTIONS

17.00

Teatro Carignano

Streaming available



**ALESSANDRO BARBERO**

## THE LEGEND OF SAINT FRANCIS

Introduced by **GIUSEPPE LATERZA**

St. Francis is one of the most popular and well-known characters in Christian history. Few know, however, that the image of the gentle and joyful saint who preached to the birds corresponds very little to the testimonies of those who had known him. Testimonies that present a much rougher and confrontational character. The Franciscan order after his death corrected and cleansed the memory of the founder, starting a discussion that is still open today: who was Francis?

## FORUM

17.15

Museo  
del Risorgimento  
Aula Camera italiana

Streaming available

## FINANCING INNOVATION: THE ROLE OF PRIVATE CAPITAL

by "lavoce.info"

Introduced by **SAMUELE MURTINU**

Participants **ANDREA BONOMI, ANNA GERVASONI, CARLO PESENTI, ERMENEGILDO "GILDO" ZEGNA**

Moderator **PAOLA PICA**

Those who venture into new fields cannot be sure of success: this is why a lot of capital is needed to finance research, knowing that only some will be remunerated (often very well) while others will not succeed. Finance is crucial in this gamble: we need bold capital provided by those who, by trade, study companies and assess whether they are fit to evolve. Private capital accomplishes these tasks: it fosters innovation, rewards savings and makes insightful people rich. This is the new finance.

**WITNESSES OF  
OUR TIME**

17.30  
Collegio Carlo  
Alberto  
Auditorium

**INDERMIT GILL** 

**EMERGING MARKETS, AI AND THE FIGHT AGAINST  
POVERTY**

Introduced by **GIORGIO BARBA NAVARETTI**

How do emerging markets intersect with the rapid advancements in artificial intelligence? Will AI increase convergence or divergence between developing and developed nations? Will AI help in the fight against poverty in developing countries? From a development perspective, should we consider AI like any other form of technological progress or is it a game changer per sé? How does technological progress and specifically AI relate to global challenges, such as climate change and conflicts?

**CINECONOMIA**

18.00  
Cinema Massimo

**MINORITY REPORT**

Directed by STEVEN SPIELBERG  
Starring TOM CRUISE, COLIN FARRELL, SAMANTHA MORTON

by Museo Nazionale del Cinema

**DEBATES**

18.00  
Museo del  
Risorgimento  
Sala Codici

Streaming available

**OUR INTELLIGENCE IS NOT ARTIFICIAL**

by Reale Mutua

Participants **MARIO CALDERINI, LUCA FILIPPONE,  
SHALINI KURAPATI, BRUNO LEPRI**  
Moderator **VIRGINIA ANTONINI, ALESSANDRO  
CASCAVILLA**

What would happen if Intelligence was exclusively Artificial? The meeting "Our Intelligence is not Artificial" addresses the crucial issue of "Human Touch" in the use of Artificial Intelligence. It will be highlighted how ever-evolving AI cannot disregard human input to maximize its potential. Speakers will tell how it can optimize processes and solve problems within their areas of expertise. The challenges and opportunities of our times in key areas such as business, industry and health will be explored, highlighting that AI should amplify and not replace human creativity and intuition.

## DEBATES

18.00

Accademia delle  
Scienze di Torino  
Sala dei  
Mappamondi

## KNOWLEDGE ECONOMY, VALUE CHAINS AND THE ROLE OF INSTITUTIONS FOR A DIFFERENT DEVELOPMENT MODEL

by Legacoop

Participants **STEFANO CORGNATI, CARLO COTTARELLI, SIMONE GAMBERINI**

Moderator **NATASCHA LUSENTI**

Knowledge is such if it is disseminated and belongs to everyone: starting from this principle, we will reflect on the role that institutions can play in ensuring equitable access to sources of information and knowledge as well as transparent data sharing. Moreover, this theme cannot fail to intersect with the role of training the future ruling classes that is assigned to the academic world as much as to the business world. The latter is called upon to renew its management teams, increasingly in need of professional figures with the appropriate skills for the management and ownership of tools that disseminate knowledge.

## DIALOGUES

18.30

CAMERA Centro  
Italiano per la  
Fotografia  
Sala Gymnasium

**FRANCESCO DECAROLIS, AMITGANDHI** 

## BETWEEN EUROPE AND AMERICA: DIGITAL PLATFORMS, DATA, AND RULES

Moderator **FRANCESCO PASSARELLI**

**Streaming available**

Digital platforms have completely transformed the way we book a hotel, choose a restaurant, or listen to music. Users' choices generate a huge amount of data: how is it used? With what benefits and what risks for the users themselves? In all this, what role do economists play in big tech?

Also to regulate the use of data, the European Union has introduced important measures for the digital industry in recent years. How are they impacting competition in digital markets? What do American tech companies operating in the European market think about them?

## DIALOGUES

18.30

Auditorium Oratorio  
San Filippo Neri

Streaming available

## ALEX BRAGA, GUIDO SARACCO

### ARTISTIC CREATIVITY AND TECHNOLOGICAL CREATIVITY

Moderator **ALBERTO INFELISE**

Neuro-technologies shed light on the mechanisms by which we process thoughts and create, developing increasingly advanced interfaces between mind and algorithm. On one hand, this dialogue will discuss the alliance between humans and computer science as we look to the future. On the other, we will discover how human creativity can already be "expanded" into new dimensions of musical and visual entertainment. A back-and-forth dialogue between the artist and the scientist, both placing the human at the center of the creative process. A final performance by the musician will close the discussion.

## MEET THE AUTHOR

19.00

Circolo dei lettori

## TOMMASO MONACELLI

### IL PREZZO DELLE MELE. L'INFLAZIONE OLTRE I PREIUDIZI E I LUOGHI COMUNI

by Egea

Participants **CARLO COTTARELLI, FEDERICO RAVENNA**

Moderator **EVA GIOVANNINI**

## DEBATES

19.00

Museo  
del Risorgimento  
Aula Camera  
Italiana

## ARE STARTUPS THE KNOWLEDGE STRONGHOLDS IN AI?

by Fondazione Compagnia di San Paolo

Participants **ELENA BARALIS, CARLA PATRIZIA FERRARI, MARCO GAY**

Moderator **BENIAMINO PAGLIARO**

Artificial Intelligence represents the main challenge of the future, a technological frontier that the entire ecosystem of innovation is looking at with increasing attention. As some international research shows, over the years Turin has consolidated its ability to develop new entrepreneurial ideas and generate high-potential startups in this sphere as well.

## DEBATES

19.00

Collegio Carlo  
Alberto  
Common Room

Streaming available

## ITALY BETWEEN ANALOG AND DIGITAL. ARE WE READY FOR THE LEAP?

by Tortuga

Participants **DAVIDE DATTOLI, FRANCESCO OLIVANTI, PAOLA PISANO, GIANLUCA SGUEO, VIRGINIA STAGNI**  
Moderator **NICOLA LIPARI**

Italy has not taken full advantage of the digital revolution, negatively impacting the productivity and competitiveness of the national system. Inequalities in access to and ability to use technology might increase already existing social tensions and territorial and gender gaps. More recently, the development of Artificial Intelligence is offering Italy enormous possibilities for development, but under certain conditions. How are we training young people in the use of new technologies? What responses is the private sector giving to the issue? What policies should be implemented to make up for the current shortcomings?

## RAI RADIO1

19.30

Circolo dei lettori

## ZAPPING

Hosted by **GIANCARLO LOQUENZI**

Live from the International Festival of Economics. For almost 30 years, RAI RADIO 1 has been reporting the news of the day, from Italian and international TV news to the web. A multimedia platform that integrates radio, TV and social media.

## VISIONS

19.30

Collegio Carlo  
Alberto  
Auditorium

Streaming available

**RICHARD BALDWIN** 

## BYTES MAKE MIGHT: FOUNDATIONS OF COMPARATIVE ADVANTAGE IN THE DIGITAL ERA

Introduced by **EUGENIO OCCORSIO**

How is the landscape of knowledge and international commercial competition evolving in the digital age? How does knowledge vary fundamentally between service and manufacturing sectors? How is generative AI commoditizing certain types of knowledge? Should we shift our focus from knowledge to data? Let's challenge traditional views and suggest a new perspective on how we perceive expertise and innovation in our interconnected world.

## SHOW

21.00

**Teatro Carignano**

## TRACES

Directed by **MARCO BALIANI**  
with **MARCO BALIANI**

Is theater able to create a condition of imaginative listening, where one can, as Bloch says, "think by enchanting", where directions (including formal directions, of languages used) are multiple, open, nonlinearly definable?

"Astonishment and enchantment, the two themes that guided me in Traces, are places I frequently visit in my work as an actor or director, they are two deep substances of the theatrical act. I would like to present these substances through a kind of map of different narrative constellations, like a multifaceted buzz of stories, anecdotes, memories, poems, digressions, reflections and questions."

## CINECONOMIA

21.00

**Cinema Massimo**

## 2001: A SPACE ODYSSEY

Directed by STANLEY KUBRICK  
Starring KEIR DULLEA, GARY LOCKWOOD, WILLIAM SYLVESTER

by Museo Nazionale del Cinema



**RAINEWS.IT E  
RAI NEWS24**  
8.00 – 20.00

Live links and interviews from the Festival are hosted throughout the day within the RaiNews24 schedule and the Economia24 column.

**KEYWORDS**

10.00

**Collegio Carlo Alberto  
Common Room**

**Streaming available**

**CHIARA FARRONATO** 

**Digital platforms**

Introduced by **ALESSANDRA SCANDURA**

Let's explore the world of digital platforms, where household names like Amazon and Airbnb have transformed the way we shop and travel, and unravel the complexities of their regulatory landscape. We'll dive into what makes these platforms grow, how they serve various user groups, and the disruptive impact they have on traditional markets. We'll also examine recent EU regulations, such as the Digital Markets Act and the Digital Services Act, designed to keep these platforms in check and ensure fair competition.

**FORUM**

10.00

**Museo  
del Risorgimento  
Aula Camera Italiana**

**Streaming available**

**ASYMMETRIC KNOWLEDGE: WHAT THE BANK KNOWS  
AND WHAT THE CUSTOMER KNOWS**

by "lavoce.info"

Introduced by **ANGELO BAGLIONI**

Participants **INNOCENZO CIPOLLETTA, GREGORIO DE  
FELICE, GIANFRANCO TORRIERO**

Moderator **PAOLA PICA**

It is often said that the relationship between bank and customer is comparable to that between doctor and patient: the former knows much more than the latter, who ends up accepting what he is told. There is no doubt that banks have taken many steps to inform customers, and many regulations go in that direction. But will we ever reach a parity of information?

## **RAI RADIO3**

10.15

**Circolo dei lettori**

## **TUTTA LA CITTÀ NE PARLA**

Hosted by **PIETRO DEL SOLDÀ**  
by **CRISTIANA CASTELLOTTI**  
with **ROSA POLACCO**

Guests and themes, books and stories: the events of the Festival described live each day to the audience in the square and Radio3 listeners.

## **FUTURE ECONOMY**

10.30

**Collegio Carlo Alberto  
Classroom 3**

## **THE ANTIDOTE IS THE DATA: INFORMATION WITHOUT FAKE NEWS**

Coordinated by YouTrend team

What is fake news? Is disinformation a modern problem? What is the impact of new technologies on their dissemination? How can you provide information using data? This workshop offers a full immersion into the fake news landscape, examining the technological tools that make it possible, including the use of generative AI. The Quorum/YouTrend team will guide participants through the process of creating data-driven news content, starting with identifying reliable sources and proceeding to effectively collect and visualize data. In hands-on sessions, participants will be challenged to select relevant data, choose appropriate visualizations and write headlines that clearly communicate the key message. The goal is to equip participants with the tools needed to identify and counter misleading content, promoting responsible dissemination based on accurate data.

Workshop limited to under-30 year olds. Booking is required. Info at [www.festivalinternazionaledeleconomia.com](http://www.festivalinternazionaledeleconomia.com).

## **DEBATES**

10.30

**Auditorium Oratorio  
San Filippo Neri**

## **OK COMPUTER: MUSIC, ALGORITHMS AND RIGHTS**

by Università degli Studi di Torino

Participants **MARIELLA ALBARELLO, MAX BELLAROSA,  
FABRIZIO GARGARONE, GIUSEPPE MAZZIOTTI**

Moderator **ANDREA GALLICE**

From choosing which songs appear on our playlists to the ability to artificially create music and lyrics "inspired" by existing repertoire, the use of AI and algorithms in the music world is expanding rapidly. What are the implications of this trend in terms of the music industry's transparency, fairness and protection of the rights of artists and music users? We discuss this with a cross-sectional panel of experts, experiencing in real time some of the potential of AI in music.

## DEBATES

10.30

**CAMERA Centro Italiano per la Fotografia**  
Sala Gymnasium

## ARTIFICIAL INTELLIGENCE AND DATA IN THE KNOWLEDGE ECONOMY

by Università degli Studi di Torino

Participants **ANASTASSIA FEDYK, JOSHUA GANS, ANTONIO GULLI, ELIO SCHIAVO**

Moderators **PAOLA PISANO, FRANCESCO QUATRARO**

Artificial Intelligence algorithms offer increasingly sophisticated possibilities for analysis on previously unimaginable volumes of information, greatly increasing the economic and strategic value of data. This poses major challenges in specialized knowledge production sectors, making the role of governments in regulating and directing innovation efforts indispensable.

## VISIONS

11.00

**Collegio Carlo Alberto Auditorium**

**Streaming available**

**PHILIPPE AGHION** 

## THE ECONOMIC IMPACT OF ARTIFICIAL INTELLIGENCE

Introduced by **PIETRO GARIBALDI**

Why Artificial Intelligence can foster growth and employment, provided the appropriate policies are put in place.

## INTERSECTIONS

11.00

**Accademia delle Scienze di Torino**  
Sala dei Mappamondi



**FRANCESCA LAGIOIA**

## THE PROTECTION OF RIGHTS IN THE AGE OF ARTIFICIAL INTELLIGENCE

Introduced by **FRANCESCA ANGELERI**

AI is transforming economic, political, and social settings, interactions between individuals and the private lives of each of us, creating new risks such as surveillance, unemployment, inequality, and social exclusion. Europe has taken many initiatives to build an ethical and regulatory framework for this. What challenges lie ahead? If regulatory tools, left alone, have often proved insufficient, can Artificial Intelligence be transformed into a force at the service of civil society, capable of opposing those economic and political drives that concentrate power, opportunity, and wealth in the hands of the few?

**FUTURE  
ECONOMY**

11.00

**Auditorium  
grattaciolo  
Intesa Sanpaolo**

**CARLO COTTARELLI**

**THE IMPORTANCE OF KNOWING THE ECONOMICS**

To follow

**AWARDS CEREMONY OF THE ECONOMICS AND ECOQUIZ  
COMPETITIONS. DEBATES AMONG THE WINNING  
STUDENTS OF THE ECONOMICS COMPETITION**

with **TITO BOERI**

A session of the Festival entirely dedicated to the youngest: an important contribution on why it is essential to better understand the economy. The protagonists will then be the winners of the EcoQuiz (middle school) and EconoMia (high school) competitions. The latter will compete in an engaging debate on one of the Festival's central themes: who will be more convincing?

**MEET THE  
AUTHOR**

11.30

**Circolo dei lettori**

**ARMANDO MASSARENTI**

**COME SIAMO DIVENTATI STUPIDI. UNA IMMODESTA  
PROPOSTA PER TORNARE INTELLIGENTI**

by Guerini e associati

Introduced by **EVA GIOVANNINI**

**AT THE  
FRONTIER**

12.00

**Collegio Carlo  
Alberto  
Common Room**

**DAVID YANG** 

**AI-TOCRACY: ARTIFICIAL INTELLIGENCE, AUTOCRATIC  
POWER IN CHINA, AND ITS GLOBAL IMPLICATIONS**

Introduced by **GIULIA SAVIO**

**Streaming available**

AI technologies have characteristics that could result in a mutually reinforcing relationship between AI innovation and modern autocracy – the sort of relationship that could sustain an “AI-tocracy” equilibrium that many fear. What is the empirical evidence on such a relationship in China? What is the state of global trade in AI? What can be the international repercussion of China’s leadership in autocratic-enhancing AI technologies?

## INTERSECTIONS

12.00

Teatro Carignano

Streaming available



### ILARIA CAPUA

#### CIRCULAR HEALTH, A WAY OF THINKING

introduced by **ILARIA SOTIS**

We are water, we are air, we are earth and we are fire. We are all communicating vessels, equally immersed in and bound to the environment, entirely dependent on what we eat, drink, breathe and the health of other creatures living on Earth. Not only that: our health and that of the planetary system depends on our behaviors. Since we have appointed ourselves Homo sapiens it follows that we are responsible for the health of our species and that of our common home. Let's start thinking about it in a new, more inclusive and forward-looking way.

## FORUM

12.00

Museo  
del Risorgimento  
Aula Camera  
Italiana

#### PATENTED HEALTH? WHO SHOULD DEVELOP THE DRUGS AND OWN THE PATENTS

by "lavoce.info"

Introduced by **FABIO MONTOBBIO**

Participants **SERGIO ABRIGNANI, CHIARA BINELLI,  
GIUSEPPE REMUZZI**

Moderator **PAOLA PICA**

Who should and who shouldn't fund drug and vaccine research? Large state-funded public agencies or the multinational bio pharma companies? Is it right to patent research results on vaccines or new cancer therapies by turning them into private assets? Or should they remain public assets? So what is the most effective and equitable way to fund research and development of new drugs and vaccines?

## DEBATES

12.00

Auditorium Oratorio  
San Filippo Neri

#### PROFESSIONS, SKILLS AND TECHNOLOGICAL PROGRESS

by Ordine dei Dottori Commercialisti e degli Esperti Contabili di Torino

Participants **PAOLA AGLIETTA, LUCA ASVISIO, ENRICO PISINO**

**AT THE FRONTIER**

12.30

**CAMERA Centro Italiano per la Fotografia Sala Gymnasium**

**ISABELLE MEJEAN** 

**BUILDING RESILIENT GLOBAL VALUE CHAINS**

Introduced by FRANCESCO PASSARELLI

Both the COVID-19 pandemic and the war in Ukraine have emphasized the dependence of European value chains on foreign inputs. While these international interdependencies bring economic benefits in normal times, they can also be a source of vulnerability during crisis episodes or when trade is weaponized in geopolitical conflicts. What does it mean for the functioning of international trade? Are internationalized firms aware of the risks associated with their economic decisions? Is there scope for public policies targeting the resilience of Global Value Chains?

**DEBATES**

12.30

**Museo del Risorgimento Sala Codici**

**Streaming available**

**THE CHALLENGES OF THE NEW STABILITY PACT AND THE EUROPEAN SEMESTER**

by Commissione europea

Participants **LUCIA PIANA, OTTAVIO RICCHI, FLAVIO PADRINI, GIORGIO AIRAUDO**  
Moderator **GIULIANA FERRAINO**

We are at a turning point in European economic policy. The agreements of the Council and the European Parliament provide for the implementation of new rules for public finances from 2025, with a renewed focus on green and digital transition, as well as defense. Member states will soon be engaged with the European Commission in preparing medium-term plans to reduce public debts. Already in the aftermath of the European elections, the Commission will adopt the European Semester spring package, which includes reports on individual national economies and state-specific recommendations. In addition, the Next Generation EU is entering a crucial phase: by 2026, the reform and investment plan designed by Italy must be implemented. How to effectively coordinate member states' economic policies in the face of the challenges posed by the global environment?

## DIALOGUES

14.00

Museo del  
Risorgimento  
Sala Codici

**ANDREA MORNIROLI, MARCO ROSSI-DORIA, CHIARA SARACENO**

## IF KNOWLEDGE IS NOT FOR EVERYONE: HOW TO ADDRESS EDUCATIONAL POVERTY

Moderator **ROSARIA AMATO**

True growth is not possible if parts of society remain excluded from education and training processes, thus also from the opportunity to develop their skills. Social and economic marginality and the persistence of territorial gaps are too often accompanied by inadequate formal and informal educational provision, giving rise to school dropouts and skills gaps, triggering a spiral that needs to be fought, all together.

## MARIO PAGLIERO E ALESSANDRO SEMBENELLI LECTURE

14.00

CAMERA Centro  
Italiano per la  
Fotografia  
Sala Gymnasium

**Streaming available**

**DANIELLE LI** 

## GENERATIVE AI AND HUMAN EXPERTISE

Introduced by **FRANCESCO DEVICIENTI**

Generative AI tools are increasingly capable of performing complex knowledge-based tasks, fueling excitement about their potential to substantially increase worker productivity. At the same time, a key question remains: whose work will be augmented and whose will be replaced? Forecasting the impact of generative AI on labor demand, and understanding its attendant implications for economic inequality, requires understanding not just what tasks new AI systems are good at, but how their use shapes how responsibilities and opportunities are allocated to workers.

## **DEBATES**

14.00

**Accademia delle  
Scienze di Torino  
Sala dei Mappamondi**

## **NAVIGATING THE DIGITAL AGE: OPINION DYNAMICS, FAKE NEWS AND AI**

by Associazione Allievi della Fondazione Collegio Carlo Alberto

Participants **TOMMASO COLUZZI, MARIA CUCCINIELLO,  
GIOVANNI ZAGNI**

Moderator **STEFANO SPERTI**

In a digital world in which the attention span of users is declining and news is spreading faster and faster, what is the best method to navigate political discussion while maintaining critical thinking?

To answer this question, we will analyze the dynamics of opinion on social networks, trying to understand how so-called "echo chambers" arise and how Artificial Intelligence influences the information market, focusing on the Italian political debate.

## **MEET THE AUTHOR**

14.30

**Circolo dei lettori**

## **IRENE SOAVE**

### **LO STATUTO DELLE LAVORATRICI. COME TI SENTI, A COSA HAI DIRITTO, DOVE POSSIAMO CAMBIARE**

by Bompiani

with **MARIANNA FILANDRI**

Moderator **EVA GIOVANNINI**



## DEBATES

14.30

**Auditorium Oratorio  
San Filippo Neri**

## TO KNOW IN ORDER TO DELIBERATE

event under the High Patronage of the President of the Republic, organized by the National Committee for the 150th Anniversary of the Birth of Luigi Einaudi

Introduced by **ROBERTO EINAUDI**

Participants **CLAUDIA CATTANI, DOMENICO SINISCALCO,  
GIUSEPPE VEGAS**

“First know, then discuss, then deliberate”: one of the best-known expressions of the first president of the Italian Republic, Luigi Einaudi, represents an ever pertinent warning. In a fluid and unknown contemporary reality that is also plural, the truth or reliability of information underlying political choices is often questioned or not understood by the public. The urgent need to restore full dignity and, with it, concrete application to the axiom of Einaudi represents, or at least should represent, a kind of categorical imperative, not only for those whose goal is to rule the fortunes of a community, but for all citizens who aspire to live responsibly.

## DIALOGUES

15.00

**Museo  
del Risorgimento  
Aula Camera Italiana**

**Anche in streaming**

**GIORGIA ABELTINO, MARCO GAY, ANNA ROSCIO**

## ARTIFICIAL INTELLIGENCE: GROWTH ENGINE FOR ITALIAN ENTERPRISES?

Moderator **BENIAMO PAGLIARO**

Artificial Intelligence is often looked at with suspicion by smaller production realities: on the contrary, even the typical Made in Italy sectors, largely represented by medium and small companies, can benefit greatly from a smart integration between their know-how and the latest technological developments.

## MEET THE AUTHOR

15.00

**Collegio Carlo  
Alberto  
Auditorium**

**MICHAEL SPENCE** 

## PERMACRISI. UN PIANO PER RIPARARE UN MONDO A PEZZI

by Egea

with **MARCO MAGNANI**

Introduced and moderated by **ROBERT JOHNSON**

**CARLO ALBERTO  
MEDAL LECTURE**

15.30

**Collegio Carlo  
Alberto  
Common Room**

**Streaming available**

**EMANUELE COLONNELLI** 

**THE POLITICAL ECONOMY OF FIRMS**

Introduced by **PAOLO GHIRARDATO**  
with **GIORGIO BARBA NAVARETTI**

Recent events, from the financial crisis to the pandemic and to the new wave of populism, have reignited debates about governments' and large corporations' escalating roles in the economy. A series of empirical papers that rely on new micro-data and experimental methods shed light on some of the many ways firms are affected by and interact with governments and with society at large. How political distortions impact on the way firms operate and talent is allocated? What is the impact of corporations' rising involvement in social and political issues?

**INTERSECTIONS**

16.00

**Teatro Carignano**



**STEFANO MANCUSO**

**HOW PLANTS LEARN (AND WHAT THEY TEACH US!)**

Introduced by **EDOARDO VIGNA**

What we know about plants is very little and, often, it is also wrong. We are convinced that plants are unable to sense their environment while the reality is that, on the contrary, they are more sensitive than animals. We are sure that it is a silent world, lacking the ability to communicate and, instead, plants are great communicators. We are sure that they do not have any kind of social relationship and, conversely, they are purely social organisms. Knowing more about the green side of our Planet is an extraordinary opportunity to reflect on the relentless drive to spread life.

## FORUM

16.00

Accademia delle  
Scienze di Torino  
Sala dei Mappamondi

Streaming available

## THE VALUE OF DATA AND THE PROTECTION OF RIGHTS

by "lavoce.info"

Introduced by **VITALBA AZZOLLINI**

Participants **FRANCESCA LAGIOIA, GIOVANNI SABATINI,  
GUIDO SCORZA**

Moderator **PAOLA PICA**

Between the right to innovate, the right for business to make profits, and the right to privacy, there is no single right that should prevail over the others. In a time such as ours, in which technology allows access to and use of huge amounts of data, the objective we should all aim to is to strike a balance that allows for innovation, profits and respect for fundamental rights, starting with the right to privacy.

## MEET THE AUTHOR

16.00

Circolo dei lettori

**PAOLO GUERRIERI, PIER CARLO PADOAN**

## EUROPA SOVRANA. LE TRE SFIDE DI UN MONDO NUOVO

by Editori Laterza

with **GIORGIO BARBA NAVARETTI**

Moderator **EVA GIOVANNINI**

## DEBATES

16.00

Museo  
del Risorgimento  
Sala Codici

## IS ARTIFICIAL INTELLIGENCE NEUTRAL? USUALLY... NO

by Associazione Senonoraquando? Torino

Participants **TANIA CERQUITELLI, VIVIANA PATTI**

Moderator **LAURA ONOFRI**

Data and algorithms are not neutral and may cause the spread of new forms of discrimination: it is necessary to understand the mechanisms behind them so that action can be taken to reduce the spread of gender stereotypes.

## DEBATES

16.00

**Auditorium  
grattacielo  
Intesa Sanpaolo**

## THE NEW KINDS OF KNOWLEDGE NEEDED BY THE ENTERPRISE

by GEI - Associazione italiana economisti di impresa

Introduced by **ALESSANDRO TERZULLI**

Participants **ALESSANDRA BENEDINI, INNOCENZO CIPOLLETTA, ANDREA GAVOSTO, VALERIA NEGRI, EMILIO ROSSI**

To manage new technologies, businesses need new kinds of knowledge, covering vocational training, the evolution of society and consumers, and norms for the pursuit of sustainable development. An in-depth discussion with economists from the study centers of enterprises, associations and research centers.

## HISTORY OF IDEAS

16.30

**CAMERA Centro  
Italiano per la  
Fotografia  
Sala Gymnasium**

**PETRA MOSER** 

## INEQUALITY IN SCIENCE AND INNOVATION – LESSONS FROM ECONOMIC HISTORY

Introduced by **MARINA DELLA GIUSTA**

Who participates in science? Do women participate at the same rate as men, and why does it matter? Do people from lower socioeconomic backgrounds participate at the same rates as people from wealthier families? Does a person's background influence how we perceive their work?

## INTERSECTIONS

16.30

Auditorium Oratorio  
San Filippo Neri

**NELLO CRISTIANINI**

## **MACHINA SAPIENS AND THE WORLD THAT AWAITS USE**

Introduced by **GABRIELE BECCARIA**

In recent years, scientists have solved the problem of building a machine capable of engaging in a conversation. This skill emerged spontaneously as the machine learned a simpler task, and along with it came many others: completing syllogisms, programming computers, translating, summarizing, etc. As we continue the race toward machines increasingly capable of understanding the world, we must consider how we will live with them.

## DIALOGUES

17.00

Museo  
del Risorgimento  
Aula Camera Italiana

**PAOLO BENANTI, MARIO RASETTI**

## **NOT JUST TECHNOLOGY: ARTIFICIAL INTELLIGENCE AS A CULTURAL AND ANTHROPOLOGICAL REVOLUTION**

Moderator **MASSIMO GAGGI**

**Streaming available**



Artificial Intelligence is an extraordinary and unprecedented cultural phenomenon that may give rise to an equally unimaginable anthropological transition to "homo sapiens-sapiens." Indeed, the pervasive effects of the widespread applications of Generative Artificial Intelligence are comparable to, if not greater than, those induced by previous "revolutions," including those of the birth of writing and the adoption of movable type printing. This technology, while opening up opportunities and spaces for innovation and change hitherto literally unimaginable, also amplifies profound fears and uncertainties and imposes an inescapable "ethic of responsibility," paradoxically bringing the human person back to center stage.

## VISIONS

17.00

Collegio Carlo  
Alberto  
Common Room

**ARIEL PAKES** 

## REGULATING PHARMACEUTICAL RESEARCH

Introduced by **LUIGI BENFRATELLO**

There is general agreement that much of the decrease in morbidity and mortality is the result of new pharmaceutical products. The U.S. pharmaceutical market, which accounts for 50-60 % of global pharmaceutical sales, is in the middle of regulatory changes that could lower these sales significantly. Given the costs and benefits of pharmaceuticals, what are the likely impacts of these changes on pharmaceutical profits and consumer welfare? How to mitigate such effects?

## HISTORY OF IDEAS

17.30

Collegio Carlo  
Alberto  
Auditorium

**ANGUS DEATON (online)** 

## ECONOMICS IN AMERICA, AND INEQUALITY'S THREAT TO OUR FUTURES

with **ANTONIO SPILIMBERGO**

Introduced by **TITO BOERI**

How does the field of economics address the most pressing issues of our time—from poverty, retirement, and the minimum wage to the health care system? Should economists bear at least some responsibility for the growing despair and rising populism? How is inequality evolving post-pandemic, especially between elites and everyone else, and is that endangering us all?

## DIALOGUES

17.30

Teatro Carignano

Streaming available



**STEFANO BAIA CURIONI, MARCELLA BECCARIA,  
MICHELANGELO PISTOLETTO**

## TOWARD THE FORMULA OF CREATION: ART, ECONOMICS AND ARTIFICIAL INTELLIGENCE

by Castello di Rivoli Museo d'Arte Contemporanea, Rivoli-Torino

Introduced by **GIORGIO BARBA NAVARETTI**

The intertwining of art, the concept of creation and the use of tools belonging to contemporary technologies is at the heart of Michelangelo Pistoletto's creative journey. The genesis of each new work by the artist involves a trans-disciplinary study that embraces philosophical thought, economic thought and the social dimension. Interested in critically and analytically examining his relationship with the complexities of reality, in recent years the artist has approached the digital, incorporating Artificial Intelligence into the creation process. In this confrontation, beginning with an investigation of the artist's work and thought, a reflection on the ever-present entanglements between art and technology. In addition to the investigation of Pistoletto's work and thought, the discussion also investigates the context of Arte Povera's origin and the interweavings between art and coeval technologies, also through the analysis of historical Arte Povera works in the Collections of the Castello di Rivoli.

## IN HISTORY

18.00

Auditorium  
grattacielo  
Intesa Sanpaolo



**LAURA PEPE**

## MASTERS OF TRUTH IN ANCIENT GREECE

Introduced by **CATERINA SOFFICI**

"Truth" in Greek is alètheia. A periphrasis rather than a word: alètheia literally is 'that which is not hidden,' 'that which is to be revealed.' Masters of truth are thus those who have knowledge which is superior, absolute and privileged because it is directly revealed by divinity. However, there always comes the point when someone substitutes the one Truth with many truths...

## CINECONOMIA

18.00

Cinema Massimo

## I RAGAZZI DI VIA PANISPERNA

Directed by GIANNI AMELIO

Starring MARIO ADORF, ANDREA PRODAN, LAURA MORANTE

by Museo Nazionale del Cinema

## DEBATES

18.00

Museo del  
Risorgimento  
Sala Codici

## THE SMARTPHONE THAT COULD BE

by Biennale Tecnologia e Add Editore

with **JUAN CARLOS DE MARTIN, GIULIA MUSCATELLI**

It is always with us, yet we know so little about it: what is a smartphone? What could it be?

## DEBATES

18.00

Accademia delle  
Scienze di Torino  
Sala dei Mappamondi

Streaming available

## BUILDING THE FUTURE ON DATA. ARCHIVES AS A TRAINING GROUND FOR INNOVATION

by Fondazione Compagnia di San Paolo

Participants **ALBERTO ANFOSSI, STEFANO BENEDETTO, LUISA PAPOTTI**

Moderator **IRENE CASSARINO**


The city of Turin represents national and international excellence in historical and cultural archival science. Beginning with early experiments in digitalization of large archives, this discussion investigates the opportunities arising from innovative ways of preserving and enhancing archival and cultural heritage.

## INET DIALOGUE

18.30

CAMERA Centro  
Italiano per la  
Fotografia  
Sala Gymnasium

Streaming available

**JAMES MANYIKA (on line), MICHAEL SPENCE, MICHAEL JORDAN** 

## THE COMING AI ECONOMIC REVOLUTION

Moderator **ROBERT JOHNSON**

The accelerating progress of AI comes at a pivotal moment in the global economy, marked by an aging population, persistent inflation, and geopolitical tensions. Can artificial intelligence reverse the productivity slowdown and restore growth momentum? How is generative AI different from previous digital revolutions? How to reach its full potential for shared prosperity and leave a strengthened global economy for generations to come?



## FORUM

18.30

Circolo dei lettori

## SHARING KNOWLEDGE: COMMUNITIES OF BOOKS

Participants **GIULIO BIINO, ENZO CIPOLLETTA, CECILIA COGNIGNI, ROCCO PINTO**

Moderator **GIUSEPPE LATERZA**

Books can be an extraordinary community builder, capable of growing human and social capital. A comparison of the experiences of librarians, booksellers, publishers and cultural workers.

## INTERSECTIONS

18.30

Auditorium Oratorio  
San Filippo Neri

Streaming available

**RICCARDO STAGLIANÒ**

## GIGACAPITALISTS. WHO ARE THE NEW WORLD MASTERS

Introduced by **NICOLA LIPARI**

Bezos, Musk, Zuckerberg and the rest of the ultra-rich club are worth more than many states alone. They also have more power, owning the platforms where public opinion is formed and sometimes determining the fate of wars. But overly concentrated fortunes are good for neither the market nor society. It is time to intervene, before it is too late.

## VISIONS

19.00

Collegio Carlo Alberto  
Common Room

**ANNAMARIA LUSARDI** 

## KNOWLEDGE THAT MATTERS

Introduced by **ELSA FORNERO**

The financial world is changing fast and requires new skills. Saving for retirement, investing, and insuring against risks are important but much more complex than in the past. Few individuals have the necessary and useful knowledge to better manage their finances. What are the consequences for families and society? How can we increase financial knowledge?

## DEBATES

19.00

Museo  
del Risorgimento  
Aula Camera Italiana

## THE EDUCATION OF FUTURE BUSINESS LEADERS BETWEEN SUSTAINABILITY AND ARTIFICIAL INTELLIGENCE

by Camera di commercio di Torino

Participants **STEFANO CORGNATI, ALBERTA DI GIULI,  
DARIO GALLINA**

Educational institutions today face complex challenges in training future business leaders. It is crucial to integrate skills related to innovation and adaptability to rapid change, with sustainability and the ethical use of Artificial Intelligence. Sustainability has become an imperative in educational programs to prepare students for conscious leadership and environmentally sustainable strategies. At the same time, AI is transforming business processes, presenting both new challenges and opportunities that require thoughtful and responsible management.

## INTERSECTIONS

19.30

Collegio Carlo Alberto  
Auditorium

## GINO RONCAGLIA

## THE ARCHITECT AND THE ORACLE: THE DIGITAL ECOSYSTEM AND THE CHALLENGE OF ARTIFICIAL INTELLIGENCE

Introduced by **FRANCESCO RIGATELLI**

For years, the organization of knowledge within the new digital ecosystem has been based on architectural paradigms: the semantic web, ontologies, Wikipedia... In recent months, however, the outbreak of generative Artificial Intelligence systems - which instead are based on probabilistic-predictive paradigms - has radically changed the pattern, leading to partially unexpected results. What are the consequences of this revolution? And what changes might follow the upcoming evolution of multimodal Artificial Intelligence?

## CINECONOMIA

20.30

Cinema Massimo

## OPPENHEIMER

Directed by CHRISTOPHER NOLAN

Starring CILLIAN MURPHY, EMILY BLUNT, MATT DAMON

by Museo Nazionale del Cinema

**SHOW**

21.00

**Teatro Carignano**

**CAMILLO OLIVETTI. ALLE RADICI DI UN SOGNO**

by Associazione culturale Muse  
in collaboration with Fondazione Teatro Stabile di Torino

by **LAURA CURINO** e **GABRIELE VACIS**  
with **LAURA CURINO**  
directed by **GABRIELE VACIS**  
written in collaboration with **LAURA VOLTA**  
assistant director **SERENA SINIGAGLIA**

*Olivetti* is the story of Camillo, the pioneer, the inventor, the capricious and brilliant maverick who founded, in the early twentieth century, the first Italian typewriter factory. With the help of biographies, interviews and literary texts (Natalia Ginzburg's witty description of him in *Lessico Familiare* was indispensable), his life, the people around him, his environment and his challenges have been reconstructed. It is an epic tale of adventure, full of twists and turns, trials to overcome, struggles, love and heroes. And, most extraordinarily, it is all true.

**RAINEWS.IT E  
RAI NEWS24**  
8.00 – 20.00

Live links and interviews from the Festival are hosted throughout the day within the RaiNews24 schedule and the Economia24 column.

**KEYWORDS**  
10.00  
**Collegio Carlo Alberto  
Common Room**

**RAFAEL JIMÉNEZ-DURÁN** 

**SOCIAL MEDIA**  
Introduced by **CHIARA PRONZATO**

Social media has a dual nature: The same technology that helped mobilize the Arab Spring also hosts polarizing, divisive content. Do platforms have incentives to prioritize this type of content? Why do individuals keep using social media even if it can harm their well-being?

**RAI RADIO3**  
10.15  
**Circolo dei lettori**

**TUTTA LA CITTÀ NE PARLA**  
Hosted by **PIETRO DEL SOLDÀ**  
by **CRISTIANA CASTELLOTTI**  
with **ROSA POLACCO**

Guests and themes, books and stories: the events of the Festival described live each day to the audience in the square and Radio3 listeners.

## HISTORY OF IDEAS

10.30

Auditorium Oratorio  
San Filippo Neri

**FRANCESCA TRIVELLATO**

### THE ORIGINS OF CAPITALISM BETWEEN KNOWLEDGE, REALITY, AND MYTHS

Introduced by **GIANDOMENICA BECCHIO**

Global finance today contributes to economic inequality. This is because not everyone has the same willingness to invest, but also because of the high level of knowledge required to exploit the legal and contractual systems that govern finance. Who has access to this knowledge? This question has distant roots and has animated debates for centuries that have produced new expertise but also dangerous mythologies about the supposed puppeteers of international finance.

## VISIONS

11.00

Collegio Carlo Alberto  
Auditorium

Streaming available

**STEVE TADELIS** 

### TARGETED DIGITAL ADVERTISING: CHALLENGES AND PROMISES

Introduced by **MARIA LAURA DI TOMMASO**

How does technology help advertisers reach you when you scroll down your social media feed? What are you getting in return for sharing your data and behavior online? We'll discuss the balancing act between the benefits of targeted advertising with the need for consumer protection and trust as well as the changing landscape of digital advertising.

## DEBATES

11.00

Accademia delle  
Scienze di Torino  
Sala dei Mappamondi

## DEMOCRACY AND KNOWLEDGE: IN MEMORY OF NORBERTO BOBBIO

by Accademia delle Scienze di Torino, Biennale Democrazia e Centro Studi Piero Gobetti

Participants **VALENTINA PAZÉ, GUSTAVO ZAGREBELSKY**  
Moderator **PIETRO POLITO**

The legitimacy of democratic regimes is based on the assumption that everyone should be able to express themselves on major issues of collective interest; yet contemporary politics is often confronted with complex problems that require technical and specific expertise. Twenty years after Norberto Bobbio's passing, his reflections on the problematic relationship between democracy and expert knowledge are as relevant as ever to guide us in the present. A dialogue on the "ideal" democracy-technocracy dichotomy and the "real" state of our democratic political systems.

## VISIONS

11.30

CAMERA Centro  
Italiano per la  
Fotografia  
Sala Gymnasium

Streaming available

ANDREA PRAT 

## MEDIA AND DEMOCRACY

Introduced by **LUCIANO CAPONE**

What is the role of the media - old and new - in the democratic process? What part have phenomena such as fake news, parallel universes, and echo chambers played in the radicalization of politics and the rise of extremist parties? What can our societies do to create fair and effective digital information? Let's rely on the political economy of the media - a primarily empirical and experimental field of research at the intersection of economics and political science - to measure these phenomena, dispel some myths, and evaluate the solutions that have been proposed.

## MEET THE AUTHOR

11.30

Circolo dei lettori

EMANUELE FELICE, ALBERTO MINGARDI

## LIBERTÁ CONTRO LIBERTÁ. UN DUELLO SULLA SOCIETÁ APERTA

by Il Mulino

with **LUIGI ZINGALES**  
Moderator **EVA GIOVANNINI**

## VISIONS

12.00

Collegio Carlo Alberto  
Common Room

UFUK AKCIGIT 

## MORE IS NOT BETTER: THE HIDDEN RISKS OF INDUSTRIAL POLICY

Introduced by **ANNA D'AMBROSIO**

The US economy used to spend 2% of its GDP on R&D in the 1980s; now, that figure stands at 3.5%. The fraction of the workforce identified as "inventors" has more than doubled since 2000. However, rather than experiencing acceleration, the economy has faced a productivity slowdown in return. Despite proactive policies directing additional resources toward fostering faster growth, where does the economy fall short? This lecture will argue that it's not solely about the quantity of resources allocated for industrial policy, but also about the "who" behind their utilization.

## VISIONS

12.00

Museo  
del Risorgimento  
Aula Camera Italiana

IGNAZIO VISCO

## THE VICIOUS CIRCLE

Introduced by **GIORGIO ZANCHINI**

Anche in streaming



Slow growth, lagging innovation, insufficient investment in research and education, low wages and low demand for skilled labor: how can we break the Italian vicious cycle?

**DEBATES**  
12.00  
**Museo del  
Risorgimento  
Sala Codici**

## **CORPORATE GOVERNANCE AND ARTIFICIAL INTELLIGENCE**

by Fondazione CRT

Participants **MAURIZIO IRRERA, GIOVANNI LOMBARDI, GIULIA SCHNEIDER**

Even business activity is not immune to the dragging force of digitization processes that are affecting markets. Technological infrastructures provide new ways of representing and circulating social participation; utility tokens or governance tokens enrich the category of participatory financial instruments. Another area is the issue of the automation of the governing body: without going so far as to imagine a fully automated director (the so-called robodirector), scenarios of the use of Artificial Intelligence to support and enhance directors' decisions appear more immediate. Corptech tools can be particularly useful in guiding the board in defining long-term strategies, using AI tools with functions of prospective calculation of non-financial parameters (on the level, for example, of quantification of CO2 emissions or prediction of environmental risks quantification of CO2 emissions or prediction of environmental risks).

**DEBATES**  
12.30  
**Auditorium Oratorio  
San Filippo Neri**

## **KEY FACTORS FOR DIGITAL TRANSFORMATION: THE ROLE OF BUSINESS AND THE PUBLIC SECTOR**

by Politecnico di Torino

Participants **MARCO GAY, FRANCESCA LOTTI, FABIANO SCHIVARDI**  
Moderator **CARLO CAMBINI**

What forms of public intervention are most effective in fostering the digital transition of Italian enterprises? Different points of view-from Institutions, Academia and Business-will be compared to suggest new policies for our country.



## VISIONS

14.00

**CAMERA** Centro  
Italiano per la  
Fotografia  
Sala Gymnasium

**Streaming available**

**LUIGI ZINGALES** 

## THE POLITICAL ECONOMY OF KNOWLEDGE

Introduced by **GIOVANNA NICODANO**

From the Garden of Eden's tree of knowledge to the resistance to AI, the legal rules and social norms have shaped the incentives to accumulate and distribute knowledge. Based on historical experience, how those legal rules and social norms should be designed to produce and distribute knowledge that benefits everybody?

## DIALOGUES

14.30

**Auditorium Oratorio**  
San Filippo Neri

**Streaming available**

**MARIA LAURA DI TOMMASO, CHIARA SARACENO**

## ACCESS TO KNOWLEDGE AND GENDER ISSUES

Moderator **SIMONETTA SCIANDIVASCI**

There is much discussion - and rightly so - about the biases that result in girls' reduced access to technical-scientific education. Less well known, however, is the opposite, equally serious problem of (male) boys' lagging behind in language-communication skills, in addition to their lower level of education. How can these gender gaps be closed? And how does this relate to forms of economic and social marginality, political preferences and gender roles in society?

## AT THE FRONTIER

14.30

Collegio Carlo Alberto  
Common Room

**XAVIER JARAVEL** 

## THE LOST MARIE CURIES AND HOW TO FIND THEM

Introduced by **FRANCESCO DEVICIENTI**

Innovation is increasingly monopolized by a small entrepreneurial elite that is not representative of the population at all. To simultaneously increase our innovation potential and reduce inequality, it is urgent to involve everyone, especially women and people of underprivileged backgrounds, in the innovation process, from the creation of technologies to their widespread dissemination. What do we know and what should we do to find the "Lost Marie Curies" and "Lost Einsteins" and give them their chance?

## DIALOGUES

15.00

Museo  
del Risorgimento  
Aula Camera Italiana

**STEFANO CORGNATI, MARCO OTTAVIANI**

## MAKING KNOWLEDGE: BEHIND THE SCENES OF ACADEMIC RESEARCH

Introduced by **CARMINE FESTA**

Money, competition, publications, careers: what incentives do researchers respond to and how does research work in practice? What should be the balance between the public and the private sector in funding it? How are funds allocated across disciplines and what impact does this have on the knowledge produced by academia? How to improve research and make it more efficient?

## VISIONS

15.00

Collegio Carlo Alberto  
Auditorium

Streaming available

**SENDHIL MULLAINATHAN** 

## BEHAVIORAL ECONOMICS AND ARTIFICIAL INTELLIGENCE: ALGORITHMS THAT WILL CHANGE HOW WE DO SCIENCE

Introduced by **JUAN FERNANDO VARGAS DUQUE**

Five centuries ago, the Scientific Revolution changed how humans made discoveries. Today, we are on the verge of another such seismic change in how we invent. How can machine learning algorithms be harnessed to make new discoveries, in areas ranging from economics and psychology all the way to medicine?

## DIALOGUES

16.00

Museo del  
Risorgimento  
Sala Codici

**BARBARA CAPUTO, DILETTA HUYSKES**

## WHO IS AFRAID OF ARTIFICIAL INTELLIGENCE?

Moderator **RICCARDO STAGLIANÒ**

Artificial Intelligence will eliminate jobs, replace humans in making important decisions, make it impossible to distinguish reliable news from fake news... The fears raised by AI are many and must be taken seriously. However, it is also crucial to start from a good knowledge base and the awareness that technology is never a destiny, but a set of means that it is up to us to control responsibly... and without anxiety!

## INTERSECTIONS

16.00

Accademia delle  
Scienze di Torino  
Sala dei Mappamondi

Streaming available



**GIORGIO VALLORTIGARA**

## WITH WHAT KNOWLEDGE DO WE COME INTO THE WORLD?

Introduced by **NICLA PANCIERA**

According to common sense, the mind at birth would be a tabula rasa, gradually filling up with content through subsequent experiences. This is not true. We learn only to the extent that the nervous system possesses innate knowledge, or, rather, patterns of behavior, predispositions, emotions, neural organizations that enable us to learn from experience. Furthermore, we are not the exclusive keepers of all this wisdom, as revealed by enlightening research conducted ... on chicks!

**ALAN KRUEGER  
LECTURE**

16.30

**Collegio Carlo Alberto  
Common Room**

**Streaming available**

**JANET CURRIE** 

**INVESTMENTS IN CHILDREN AND CHILD MENTAL  
HEALTH**

Introduced by **TITO BOERI**

Governments and families invest in children in many ways. Research shows that many of these investments have high returns, improving children's health, education, and future employment and earnings. Yet despite these successes, there is growing concern about a youth mental health crisis. To what extent do various types of investments in children impact child mental health? How can targeted investments in child mental health be made more impactful?

**MEET THE  
AUTHOR**

16.30

**Circolo dei lettori**

**VERONICA DE ROMANIS**

**IL PASTO GRATIS. DIECI ANNI DI SPESA PUBBLICA  
SENZA COSTI (APPARENTI)**

by Mondadori

with **PIETRO GARIBALDI**

Moderator **EVA GIOVANNINI**

**VISIONS**

17.00

**Collegio Carlo Alberto  
Auditorium**

**NICOLA GENNAIOLI**

**DISCRIMINATION**

Introduced by **RICCARDO CALCAGNO**

Discrimination is considered an important cause of socio-economic differences between people of different genders, races, cultures, etc. What causes it? Why is it so persistent? The psychology of memory can help us understand the economic and social causes and consequences of this phenomenon.

## DIALOGUES

18.00

Binario 3  
OGR

Streaming available



**DAVID CARD, DANIELLE LI, MAX WELLING (online)**



## WHO OWNS KNOWLEDGE

Moderator **TITO BOERI**

Four days of dialogues, visions, lectures at the frontier of research, journeys through the history of facts and ideas, and much more. Focus of the debates on knowledge, technology, and innovation. What did we learn at this Festival? To conclude, we sum up the discussion with economists and computer scientists.

## CONCERT

20.30

Teatro Regio

## ARMONIE ITALIANE

Orchestra Teatro Regio Torino concert for Republic Day

Conductor VALERIO GALLI

Symphonic prelude – Giacomo Puccini

Interludes:

*Cavalleria Rusticana* – Pietro Mascagni

*I Pagliacci* – Ruggero Leoncavallo

*Fedora* – Umberto Giordano

*Guglielmo Ratcliff* – Pietro Mascagni

*Manon Lescaut* – Giacomo Puccini

*Loreley* – *Danza delle ondine* – Alfredo Catalani

*Capriccio sinfonico* – Giacomo Puccini

*La Gioconda* – *Danza delle ore* – Amilcare Ponchielli

Welcome to *Armonie Italiane*, a concert that explores the richness of our opera heritage. Starting with Giacomo Puccini's Symphonic Prelude, we travel through the enchanting interludes of masterpieces such as *Cavalleria Rusticana* and *I Pagliacci*. The evening continues with excerpts from *Fedora* and *Guglielmo Ratcliff*, capable of immersing us in human passions and tragedies, and *Manon Lescaut* with its romantic and dramatic atmospheres. Finally, lively dances from *La Gioconda* and *Loreley* and Puccini's Symphonic Capriccio, celebrating the beauty and energy of Italian music.

**Admission to the ARMONIE ITALIAN is free of charge. From Friday 4/26/2024, it will be possible to reserve tickets online at [www.teatroregio.torino.it](http://www.teatroregio.torino.it) subject to seat availability and for a maximum of 4 tickets per transaction.**



## Festival Venues

1. Auditorium e Common Room – Collegio Carlo Alberto, Piazza Vincenzo Arbarello, 8
2. Auditorium grattacielo Intesa Sanpaolo, Corso Inghilterra, 3
3. Auditorium Oratorio – San Filippo Neri, Via Maria Vittoria, 5
4. Aula Camera Italiana e Sala Codici – Museo del Risorgimento, Piazza Carlo Alberto, 8
5. Binario 3 – OGR, Corso Castelfidardo, 22
6. CAMERA Centro Italiano per la Fotografia - Sala Gymnasium, via delle Rosine 18
7. Cinema Massimo, Via Giuseppe Verdi, 18
8. Fondazione Circolo dei lettori, Via Giambattista Bogino, 9
9. Museo del Risparmio, Via San Francesco d'Assisi, 8
10. Sala dei Mappamondi – Accademia delle scienze, Via Accademia delle Scienze, 6
11. Teatro Carignano, Piazza Carignano, 6
12. Teatro Regio, Piazza Castello, 215

## Scientific Director

### TITO BOERI

Tito Boeri is Professor and Head of the Department of Economics at Bocconi University in Milan and Senior Visiting Professor at the London School of Economics (where he was Centennial Professor). He has been Senior Economist at the Organization for Economic Cooperation and Development (OECD), a consultant to the International Monetary Fund, the World Bank, the European Commission, the International Labor Office as well as the Italian government. From March 2015 to February 2019, he served as President of the National Social Security Institute (INPS). He is Scientific Advisor of the Rodolfo Debenedetti Foundation ([www.frdb.org](http://www.frdb.org)), of which he has been Director since its establishment in 1998. He is a Fellow of the European Economic Association and the European Association of Labor Economists. He is also a Research Fellow of the Innocenzo Gasparini Institute for Economic Research (IGIER Bocconi), CEPR (Centre for Economic Policy Research), Centre for Economic Performance in London, and IZA (Institut zur Zukunft der Arbeit) in Bonn. He is a member of the Editorial Board of Covid Economics. He has been a columnist for "Il Sole 24 Ore," "La Stampa" and "la Repubblica," and has contributed to foreign newspapers such as the "Financial Times" and "Le Monde." He is among the founders of the economic information website [www.lavoce.info](http://www.lavoce.info) and the federated English-language website [www.voxeu.org](http://www.voxeu.org). He is Scientific Director of the Turin International Economics Festival and Editor of "Eco," a new monthly economics magazine in Italian and English. Among his books in Italian: *Contro i giovani*, Mondadori (2007, with V. Galasso); *Un Nuovo Contratto per Tutti, Chiarelettere* (2008, with P. Garibaldi); *Parlerò solo di calcio*, il Mulino (2012); *PNRR: La grande abbuffata*, Feltrinelli (2023, with R. Perotti).