

**EIGHT INTERNATIONAL
ASTRIL CONFERENCE
THE FUTURE OF WORK: TECHNICAL
PROGRESS, ARTIFICIAL INTELLIGENCE
AND WORKING TIMES**

22 - 24 JANUARY 2025

SCUOLA DI ECONOMIA E STUDI AZIENDALI
VIA SILVIO D'AMICO 77, ROMA
BLENDED MODE (IN-PERSON AND VIRTUAL)

GENERAL PROGRAMME

WEDNESDAY 22/01/2025

- Room 17** **YSI PRE-CONFERENCE**
9:15-10:45 **Guest Lecture**
 J. Toporowski (SOAS University)
 Political Aspect of Full Employment in Retrospect
- 10:50-12:10 **Young Scholar Presentations**
- 12:10-13:30 **LUNCH**
- 13:30-15:00 **Guest Lecture**
 G. Brondino (Università Cattolica del Sacro Cuore)
 Measuring productivity from a classical perspective
- 15:00-16:30 **Young Scholar Presentations**

THURSDAY 23/01/2025

- 9:30-10:00 **WELCOME ADDRESS**
Room 3 **E.S. Levrero** (President of Astril, Roma Tre University);
 V. Costantini (Head of the Department of Economics, Roma Tre University);
 N. Forlani (President of INAPP)
- 10:00-11:00 **KEYNOTE SPEECH**
Room 3 **Francesco Saraceno** (Sciences Po)
 Technical Progress, Labour Markets and the Transitions: The Return of the Regulatory State
- 11:00-11:30 **COFFEE BREAK**
- 11:30-13:30 **INAPP and DIGITECON GROUP SPECIAL SESSIONS & PARALLEL SESSIONS (2)**
Rooms 3, 18, 19, 20
- 13:30-14:30 **LUNCH BREAK**
- 14:30-16:30 **IPKN SPECIAL SESSION & PARALLEL SESSIONS (3)**
Rooms 3, 18, 19, 20

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SCUOLA DI ECONOMIA E STUDI AZIENDALI
VIA SILVIO D'AMICO 77, ROMA
BLENDED MODE (LOCALISED AND VIRTUAL)

GENERAL PROGRAMME

16:30-17:00 **COFFEE BREAK**

17:00-19:00 **SDMRG SPECIAL SESSION & PARALLEL SESSIONS (2)**
Rooms 3, 18, 19

FRIDAY 24/01/2025

9:00, 11:00 **PARALLEL SESSIONS (4)**
Rooms 3, 18, 19, 20

11:00-11:30 **COFFEE BREAK**

11:30-13:30 **INAPP and DIGITECON GROUP SPECIAL SESSIONS & PARALLEL SESSIONS (2)**
Rooms 3, 18, 19, 20

13:30-14:30 **LUNCH BREAK**

14:30-16:30 **LABOUR LAW GROUP and SDMRG SPECIAL SESSIONS & PARALLEL SESSIONS (2)**
Rooms 3, 8, 18, 19

16:30-17:00 **COFFEE BREAK**

17:00-18:15 **FINAL LECTURE**
Room 3 **Heinz D. Kurz** (Graz Schumpeter Centre, University of Graz)
On Machine Ages. Causes, Forms and Effects of Technological Change

The conference will be held in **blended mode (in-person and virtual on Microsoft Teams)**. Official languages: Italian and English. The keynote speech, the plenary session, the final lecture and some of the special sessions will be broadcast on the **Astril YouTube channel**:

<https://www.youtube.com/channel/UC4zUTZT4fzbWAesllbbCpoQ/live>

Anyone who is not enrolled in the conference and would like to participate can write to **astril@uniroma3.it** (limited access). The link to the sessions will be sent to participants in due time

SPECIAL AND PARALLEL SESSIONS

**THURSDAY 23/01/2025
11:30-13:30**

DIGITECON GROUP SPECIAL SESSION – LIVING AND WORKING CONDITIONS IN THE DIGITAL ECONOMY: TOWARD A ‘PLATFORMIZATION OF WORK’

Room 3

Chair: **V. Cirillo**

Discussants: **Bonifacio, Cirillo, Guarascio, Kassem, Punzi**

- *The impact of Amazon on Italian local labor markets* (V. Cirillo, D. Guarascio and **J. Tramontano**) [Discussant: Kassem]
- *The digital labor market of AI: the case of Amazon mechanical Turk workers* (**S. Kassem**) [Discussant: Guarascio]
- *Platform workers not by chance: a machine-learning approach to digital labour markets* (V. Cirillo, D. Guarascio and **C. Punzi**) [Discussant: Bonifacio]
- *Firm platformisation and impact on workers: industry matters* (V. Cirillo, D. Cutolo, **D. Guarascio**, M. Kenney, J. Tramontano) [Discussant: Punzi]
- *Imbricated to platforms: the (re)production of differences in food-delivery work* (**F. Bonifacio**) [Discussant: Cirillo]

INAPP SPECIAL SESSION – “LABOUR SHORTAGE” AND MISMATCH: GEOGRAPHY, GENERATION, CITIZENSHIP AND GENDER DISTRIBUTION

Room 18

Chair: **P. Checcucci**

Discussants: **Cardinali, Checcucci, Brunetti, Resce**

- *Labour market in Italy in a comparison between urban centres and internal areas: Some evidence on labour shortage and mismatch from the Inapp PLUS survey* (**M. Resce** and F. Manente) [Discussant: Cardinali]
- *The role of informal networks in finding occupation among natives, migrants and second generations. A Generalized Propensity Score approach* (**M. de Angelis**, P.G Van Wolleggem and Sergio Scicchitano) [Discussant: Brunetti]
- *Automation and young workers’ job trajectories: The Italian case* (**I. Brunetti**, M. Battisti, A. F. Gravina, P. Li Donni) [Discussant: Checcucci]
- *Is there a one-size-fits- all solution? A gender analysis of mismatch in the labor market* (**V. Cardinali**) [Discussant: Resce]

Parallel session T1A – Theme 2 Structural changes, labour productivity and working times

Room 19

Chair: **S. Fadda**

Discussants: **Castellucci, Fadda, Mosca**

- *Tackling gender stereotypes in work-life balance (S. Castellucci) [Discussant: Fadda]*
- *Employees' satisfaction with working from home experience and work-life balance in Europe during the Covid-19 pandemic (N. Nappo and M. Mosca) [Discussant: Castellucci]*
- *The leisure's misunderstanding: a valueless treasure (E. Mandrone) [Discussant: Mosca]*

Parallel session T2A – Theme 4 The labour market: general issues

Room 20

Chair: **W. Paternesi Meloni**

Discussants: **Paternesi Meloni, Scicchitano, Vergnano**

- *Working from home and job satisfaction: the role of gender and personality traits (P. Esposito, S. Mendola, S. Scicchitano, C. Tealdi) [Discussant: Paternesi Meloni]*
- *The decline of the male breadwinner model and its influence on the real wage (K. Pitz) [Discussant: Paternesi Meloni]*
- *Female labor participation in Italy: an integrated micro-macro analysis (A. Vergnano) [Discussant: Scicchitano]*
- *Is there a tie between unemployment and labour-force participation? A regional and gender-based exploration of Italy (C. Nardone, A.R. Germani and W. Paternesi Meloni) [Discussant: Vergnano]*

THURSDAY 23/01/2025

14:30-16:30

IPKN SPECIAL SESSION - FISCAL RULES AND PUBLIC DEBT: IMPLICATIONS AND ALTERNATIVES

Room 3

Chair: **J. Toporowski**

Discussants: **Ciaffi, Palumbo, Romaniello, Stirati**

- *Potential output versus target unemployment in the EU fiscal framework: implications for the Italian economy of a change in perspective (D. Romaniello and A. Stirati) [Discussant: Ciaffi]*
- *Growth vs Discipline: Italy's Fiscal Dilemmas in a Stock-Flow Consistent model (F. Zezza and G. Zezza) [Discussant Palumbo]*
- *Government spending, multipliers, and public debt sustainability: an empirical assessment for OECD countries (G. Ciaffi, M. Deleidi and M. Capriati) [Discussant: Romaniello]*
- *Public debt adjustment with expansion and growth: the effects of a different notion of potential output (E. Brancaccio, G. Carnazza, E. Carnevali, D. Cassese, F. De Cristofaro, C. Fontanari, A. Palumbo) [Discussant: Stirati]*

Parallel session T1B – Theme 1 Changes in the demand and supply of labour

Room 18

Chair: **L. Salvati**

Discussants: **Pirro, Salvati**

- *Empirical evidence from a research on transformations of labour supply in the “triple transition”* (M. Carrieri and **F. Pirro**) [Discussant: Salvati]
- *Economic governance and labour markets in the age of artificial intelligence* (**C.E. Passaris**) [Discussant: Pirro]
- *Networked society, digital microentrepreneurs and crowd labour platforms: dynamics of flexible work and algorithmic management in Romania and Germany* (**D. Badoi**) [Discussant: L. Salvati]

Parallel session T2B – Theme 2 Structural changes, labour productivity and working times

Room 19

Chair: **D. Guarascio**

Discussants: **Cetrulo, De Angelis, Guarascio**

- *Not so automatable (yet). The impact of digital and automation technologies in the cleaning sector in three case studies in Italy* (**A. Cetrulo**, C. Manicardi and A. Moro) [Discussant: De Angelis]
- *Human-centered technological change? Conjoint agency between digital technology and skills in European workplaces* (**G. Santangelo**) [Discussant: Cetrulo]
- *Exposure to AI, job satisfaction and unemployment risk: evidence from Italy* (**M. De Angelis**, P. Esposito and S. Scicchitano) [Discussant: Guarascio]

Parallel session T3B – Theme 2 Structural changes, labour productivity and working times

Room 20

Chair: **G. Forges Davanzati**

Discussants: **De Minicis, Forges Davanzati, Prandi**

- *Decoding platforms: a critical exploration of varieties in platform capitalism* (**M. De Minicis**) [Discussant: Forges Davanzati]
- *AI technology and labour market segmentation in the United States* (**E. Ananiades** and D.J. Antunes) [Discussant: Prandi]
- *Economic determinants of task automation in the age of AI. A research framework* (**M. Prandi**) [Discussant: De Minicis]
- *The contingent effect of economic growth on income inequality: an empirical study* (**B.L. Halili**) [Discussant: Forges Davanzati]

**THURSDAY 23/01/2025
17:00 - 19:00**

FIRST SDMRG SPECIAL SESSION

Room 3

Chair: **A. Stirati**

Discussants: **Davila-Fernandez, Grazini, Oreiro, Stirati**

- *The Impact of Disguised Unemployment over Fiscal Multipliers in Brazil (2012-2024) (J.L. Oreiro) [Discussant: Stirati]*
- *Modelling green attitudes and informality along the North-South divide (M.J. Davila-Fernandez) [Discussant: Oreiro]*
- *Environmental Policy and International Green Competitiveness: The Moderating Effect of Economic Complex (C.Grazini and G. Guarini) [Discussant: Davila-Fernandez]*
- *Investigating the Dynamics of Profit Rate, Exchange Rate, and Terms of Trade in Brazil (1980-2023) (A. Marquetti) [Discussant: Grazini]*

Parallel session T1C – Theme 2 Structural changes, labour productivity and working times

Room 18

Chair: **E. Gallo**

Discussants: **Gentili, Lofaro**

- *The (in)significant effects of government subsidies on innovation, firm dynamics and sectoral performance (F. Belloc and A. Lofaro) [Discussant: E. Gallo]*
- *Robotization, employment and income: the role of firms' size in the Euro Area (F. Compagnucci, M. Gallegati, A. Gentili and E. Valentini) [Discussant: Lofaro]*
- *Robotization and workers' career patterns: empirical evidence from Italy (D. Guarascio, M. Raitano and J. Reljic) [Discussant: E. Gallo]*

Parallel session T2C – Theme 3 Macroeconomic perspectives

Room 19

Chair: **S. Cesaratto**

Discussants: **Cesaratto, Spinato Morlin, Palumbo, Toporowski**

- *Monetary policy effects on wage inequality: evidence from Italy (E. Beqiraj, S. Di Bucchianico, M. Di Serio and M. Raitano) [Discussant: Cesaratto]*
- *Redistributing central bank profit and losses across the Eurosystem: the Eurosystem's monetary income (S. Cesaratto, E. Febrero and G. Pantelopoulos) [Discussant: Toporowski]*
- *Public bank, aggregate demand and growth (R. Zolea) [Discussant: Spinato Morlin]*
- *Kaleckian reflections on the wage share in recent post-Keynesian controversies (J. Toporowski) [Discussant: Palumbo]*

FRIDAY 24/01/2025

9:00 - 11:00

Parallel session F1A - Theme 2 Structural changes, labour productivity and working times

Room 18

Chair: **D. Romaniello**

Discussants: **Luppi, Romaniello**

- *Investing in technology change and investing in humans: the role of credit* (**E. Magnani**) [Discussant: Luppi]
- *Quality of work and digitalization: evidence from the Italian case* (T. Canal, G. Gosetti and **M. Luppi**) [Discussant: Romaniello]
- *Can the artificial intelligence truly act as a trigger of self-organisation for a new resilient system of health-care?* (**M.J. Kho**) [Discussant: Romaniello]

Parallel session F2A – Theme 2 Structural changes, labour productivity and working times

Room 3

Chair: **M. Deleidi**

Discussants: **Barbieri-Goes, Gahn, Gallo, Spinato Morlin**

- *Effective demand and technical change in the long-run. The case of the United States after Bretton Woods* (L. Di Domenico, **S.J. Gahn** and D. Romaniello) [Discussant: Barbieri-Goes]
- *Green investment and productivity growth: main policies challenges* (**E. Gallo**, C. Jonas-Lasinio and B. Samoncini) [Discussant: Gahn]
- *The inequality and emissions effects of market-based policies for decarbonization in Italy* (D. Cano Ortiz, T. Heydenreich, **G. Spinato Morlin** and S. D'Alessandro) [Discussant: Gallo]
- *Productivity puzzle in European Regions: A Kaldor-Verdoorn Approach* (**M.C. Barbieri Goes**, M. Deleidi and A. Lagravinese) [Discussant: Spinato Morlin]

Parallel session F3A – Theme 4 The labour market: general issues

Room 19

Chair: **G. Brondino**

Discussants: **Giammetti, Brondino**

- *Functional positioning in global value chains and inequality across and within countries* (**A. Coveri**, E. Paglialunga and A. Zanfei) [Discussant: Giammetti]
- *Free trade agreement, minimum wage and unemployment in general equilibrium* (S. Chowdhuri, S. Marjit and **G. Das**) [Discussant: Brondino]
- *Global labour requirements in the world economy: A GVC decomposition approach* (N. Garbellini, **R. Giammetti** and A.L. Wirkierman) [Discussant: Brondino]

Parallel session F4A – Theme 4 The labour market: general issues

Room 20

Chair: **M.P. Piacentini**

Discussants: **De Simone, Piacentini, Staccioli, Tiedtke**

- *The hybrid figures of self-employment: the new ILO classification on labour status* (**F. della Ratta Rinaldi**) [Discussant: *De Simone*]
- *A patent-based analysis of artificial intelligence worker management technologies* (**J. Staccioli** and M.E. Virgillito) [Discussant: *Piacentini*]
- *The impact of robots on work-related injuries and deaths: empirical evidence on Europe* (**M. De Simone**, D. Guarascio and J. Reljic) [Discussant: *Tiedtke*]
- *A seat at the table: The effects of workers' representation on job quality and firm performance* (A. Mina, D. Moschella and **J. Tiedtke**) [Discussant: *Staccioli*]

FRIDAY 24/01/2025

11:30 - 13:30

**INAPP SPECIAL SESSION - TECHNOLOGICAL CHANGE, EDUCATIONAL
CONTENT AND ON-THE-JOB SKILLS. THE LABOUR MARKET DYNAMICS AND
THE IMPORTANCE OF COORDINATING AND STRENGTHENING PUBLIC POLICIES
PROMOTING WORKER MOBILITY AND TRANSITIONS**

Room 3

Chair: **M. Deidda**

Discussants: **Bastianelli, D'Agostino, De Santo, Mandrone, Perani, Senatore**

- *Job search channels, outcomes, and labor market transparency: evidence from the INAPP-PLUS survey* (**E. Mandrone** and M. Marocco) [Discussant: *Senatore*]
- *Adult transitions: a longitudinal analysis of extracurricular trainee over 35* (A. Chiozza, L. Mattei, **A.M. Senatore**, B. Torchia) [Discussant: *D'Agostino*]
- *Modernizing apprenticeships for supporting the work of the future* (**S. D'Agostino** and S. Vaccaro) [Discussant: *Mandrone*]
- *The importance of addressing "skills mismatches": skill gap analysis (SGA) at the service of the Italian employability guarantee for workers programme (GOL)* (D. Premutico and **M. Bastianelli**) [Discussant: *Perani*]
- *Istat: the effects of firms' technology adoption on the demand for workers' skills in Italy* (**G. Perani** and S. De Santis) [Discussant: *De Santo*]
- *Understanding green jobs and skills through online job advertisements* (E. Colombo, **A. de Santo**, F. Trentini) [Discussant: *Perani*]

DIGITWORK GROUP SPECIAL SESSION - LABOUR MARKETS, ORGANIZATIONS, JOB QUALITY AND INDUSTRIAL RELATIONS: RESULTS FROM DIGITWORK

Room 18

Chair: **M.E. Virgillito**

Discussants: **Bisio, Cirillo, Gentilini, Virgillito**

- *Technological adoption and firm resilience: understanding the economic impact of new digital technologies* (**L. Bisio**, V. Cirillo, M. Lucchese, A. Mina and S. Scrofani) [Discussant: *Gentilini*]
- *Workers' incomes at the top and bottom: exploring firms' technological strategies* (L. Bisio, **V. Cirillo**, M. Lucchese and M. Pianta) [Discussant: *Virgillito*]
- *European labour markets and exposure to labour saving technical change: results from a direct text similarity measure* (F. Riccio, J. Staccioli and **M.E. Virgillito**) [Discussant: *Bisio*]
- *Digitalisation processes, working conditions and the role of industrial relations: the case of the Emilia-Romagna motor valley* (M. Rinaldini, L. Dorigatti, **F. Gentilini**, S. Caria, A. Moro, L. Leonelli and E. Capitani) [Discussant: *Cirillo*]

Parallel session F1B – Theme 3 Macroeconomic perspectives

Room 19

Chair: **R. Pariboni**

Discussants: **Botta, Forges Davanzati, Pariboni**

- *Bridging the gap through public intervention: evidence from the Cassa per il Mezzogiorno* (T. Buscemi, A. Lofaro and **R. Pariboni**) [Discussant: *Forges Davanzati*]
- *The theoretical foundations of the extraordinary intervention on Italian Mezzogiorno* (**G. Forges Davanzati** and R. Patalano) [Discussant: *Botta*]
- *Back to fiscal rules: the insanity of normality unless the rich pay for it* (**A. Botta**, E. Caverzasi and A. Russo) [Discussant: *Pariboni*]
- *Turning the tide: how public R&D investment shapes European regional development* (**G. Ciaffi**, M.C. Barbieri Goes, M. Deleidi and A. Lofaro) [Discussant: *Pariboni*]

Parallel session F2B – Theme 3 Macroeconomic perspectives

Room 20

Chair: **D. Tropeano**

Discussants: **Keil, Sbrenna, Tropeano**

- *Inventory dynamics and business cycles: patterns, causes and implications in Europe* (**S. Keil**) [Discussant: *Sbrenna*]
- *A supermultiplier monetary analysis of growth, inflation and distribution* (**G. Sbrenna**) [Discussant: *Tropeano*]
- *Financialization and the price of energy: changes in the EU energy pricing framework* (**D. Tropeano**) [Discussant: *Keil*]

FRIDAY 24/01/2025

14:30 - 16:30

LABOUR LAW GROUP SPECIAL SESSION - AI AND FUNDAMENTAL WORKERS' RIGHTS: LIGHTS AND SHADOWS FOR WELL-BEING, EQUAL OPPORTUNITIES AND PARTICIPATION DYNAMICS AT THE WORKPLACE

Room 3

Chair: **S. Bellomo**

Discussants: **Bellomo, Giovannone**

- *AI and OSH impacts: a human rights approach (M. Giovannone) [Discussant: Bellomo]*
- *Working time and work-life balance from a AI perspective: the role of collective bargaining (L. Monterossi) [Discussant: Giovannone]*
- *Addressing Discrimination Risks in Algorithmic Human Resource Management: A Legal Perspective (F. Palmirotta) [Discussant: Bellomo]*
- *AI and job opportunities for people with disabilities (F. Lamberti) [Discussant: Giovannone]*
- *AI and union information: new spaces for worker participation (R. Maraga) [Discussant: Bellomo]*

SECOND SDRGM SPECIAL SESSION

Room 8

Chair: **C. D'Ippoliti**

Discussants: **D'Ippoliti, Ferreiro, Guarini**

- *The squeezed middle and populist parties support in Europe (C. D'Ippoliti) [Discussant: Ferreiro]*
- *Labour flexibility and employment in Europe: a sectoral analysis (J. Ferreiro and C. Gomez) [Discussant: Guarini]*
- *The Financing of Economic Development Today: A multi-sector Kaleckian model (J. Juarez) [Discussant: D'Ippoliti]*

Parallel session F1C – Theme 4 The labour market: general issues

Room 18

Chair: **S. Di Bucchianico**

Discussants: **Di Bucchianico, Salvati, Virgillito**

- *The evolution of bargaining position of workers in wage negotiation in Italy and the pace of inflation reduction (D. Romaniello and L. Salvati) [Discussant: Di Bucchianico]*
- *The Italian wage question. Long-term features and prospects of resolution (L. Tronti) [Discussant: Virgillito]*
- *Strike activity and inequality: cross-country panel evidence from the sixties (G. Dosi, L. Leva and M.E. Virgillito) [Discussant: Di Bucchianico]*
- *Legislation and collective bargaining on age management in the Italian digital transition (M. Russo) [Discussant: Salvati]*

Parallel session F2C – Theme 1 Changes in the demand and supply of labour

Room 19

Chair: **S. Scicchitano**

Discussants: **Corsini, Scicchitano, Nelli**

- *Job search activity and welfare systems (L. Corsini) [Discussant: Scicchitano]*
- *From brown to green: the employment effect of “twin” innovation (L. Nelli, M.E. Virgillito and M. Vivarelli) [Discussant: Corsini]*
- *The devolution of active labour market policies history and analysis (G. Bottone and A. Reale) [Discussant: Nelli]*

Scientific Committee:

Silvia Ciucciovino, Sebastiano Fadda, Enrico Sergio Levrero, Paolo Piacentini,
Pasquale Tridico, Leonello Tronti

Organizing Committee:

Valeria Cirillo, Silvia Ciucciovino, Matteo Deleidi, Sebastiano Fadda, Maria
Giovannone, Enrico Sergio Levrero, Walter Paternesi Meloni, Riccardo Pariboni,
Paolo Piacentini, Davide Romaniello, Luigi Salvati, Leonello Tronti



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