

FORUM INNOVATION 2022

May 5-7, 2022 - Bruges

Research and innovation Policies in Europe: Evolution, Scope and Perspectives



Conference venue:

- COLLEGE OF EUROPE, Verversdijk 16, 8000 Brugge (Buildings A & C)
 - Registration: Basement **Building A**
 - Introductory remarks, keynote speakers & high-level talks: Auditorium 1 **Building A**, 1st floor
 - Parallel sessions **Building C**, 1st & 2nd floors [classrooms 1.02+1.03 / 1.04 / 2.01 / 2.02]

Gala dinner :

- RESTAURANT « DUC DE BOURGOGNE », Huidenvettersplein 12, 8000 Brugge (see Map)

PROGRAMME

DAY 1 - 5 MAY 2022 / MORNING

08.00 - 12.00 REGISTRATION

08:40 - 09:20 INTRODUCTORY REMARKS

- Welcome, **Pr. Dr. Beatrice DUMONT**, CoE, University Sorbonne Paris & Vice-President RNI
 - Introduction by the President of RNI, **Pr. Dr. Blandine LAPERCHE**
 - Introduction by the Déléguée Générale du Québec à Bruxelles, **Mrs Geneviève BRISSON**
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09:20 - 11:20 PARALLEL SESSIONS I

1. EU POLICIES
 2. DRIVERS OF INNOVATIONS / POLICY INSTRUMENTS
 3. INNOVATION IN/BY UNIVERSITIES
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11:20 - 11:30 BREAK

11:30 - 12.30

- KEYNOTE SPEECH **Pr. Dr. Philippe AGHION**: Professor at the College de France and at the London School of Economics, and a fellow of the Econometric Society and of the American Academy of Arts and Sciences
 - Rethinking post-Covid capitalism: the power of creative destruction
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12:30 - 13:30 LUNCH BUFFET

PROGRAMME

DAY 1 - 5 MAY 2022 / AFTERNOON

13.30 - 15:00 PARALLEL SESSIONS II

- 4. SECTORAL INNOVATION
- 5. ECOLOGICAL TRANSITION
- 6. SOCIAL INNOVATION

15:10 - 16:40 ROUNDTABLE ON ARTIFICIAL INTELLIGENCE

Chairman: **Dr. Koen JONKERS** (Visiting Professor, CoE & European Commission)

- **Mr. Youmani Jérôme LANKOANDÉ**, PDG de YULCOM Technologies Inc.
- **Mrs. Catherine LUNARDI**, présidente, GENAIZ
- **Pr. Dr. Andrew Ware** (Swansea University)
- **Pr. Dr. Andreas Oberbach** (Fraunoffer Institute)

16:45 - 17:45 HIGH-LEVEL TALK **Mr PAQUET**, Director-General of DG research and Innovation

17:45 - 18:00 BREAK

18:00 - 19.00

- KEYNOTE SPEECH **Pr. Dr. James GALBRAITH** : Professor at the Lyndon B. Johnson School of Public Affairs and at the Department of Government, University of Texas at Austin
Innovation, Organization, and the Basics of Biophysical Economics

20.00 GALA DINER - Restaurant 'Duc de Bourgogne'

PROGRAMME

DAY 2 - 6 MAY 2022 / MORNING

08:45 - 09:45 KEYNOTE SPEECH

Pr. Dr. Matthias WEBER: Head of Center for Innovation Systems and Policy, Austrian Institute of Technology, and Professor at Université Gustave Eiffel, Laboratoire Interdisciplinaire Sciences, Innovations, Sociétés (LISIS)
Innovation policy in times of transformation and crisis: new rationales and intervention strategies

09:50 - 11:50 PARALLEL SESSIONS III

- 7. INNOVATION CLUSTERS AND ECOSYSTEMS
 - 8. TERRITORIAL RESILIENCE AND COMPETITIVENESS
 - 9. TECHNOLOGICAL COMPETITIVENESS AND INDUSTRIAL STRATEGIES
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11:50 - 13:00 LUNCH BUFFET

13:00 - 15:00 PARALLEL SESSIONS IV

- 10. INNOVATION AND REGIONAL DEVELOPMENT
 - 11. ECONOMIC COMPLEXITY AND SOCIO-ECOLOGICAL TRANSITIONS
 - 12. STAKEHOLDERS IN RESEARCH OF INNOVATION
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15:00 - 15:15 BREAK

PROGRAMME

DAY 2 - 6 MAY 2022 / AFTERNOON

15:15 - 15:55 HIGH-LEVEL TALKS

Introduction by the Déléguée Générale du Québec à Bruxelles, **Mrs Geneviève BRISSON**

Mr Matthieu GERVAIS, Sous-Ministre adjoint à la Science et à l'Innovation, Ministère de l'Économie et de l'Innovation du Québec

Mr. Luc SIROIS, Innovateur en chef du Québec

16:00 - 17:30 ROUNDTABLE ON CLEAN TECHNOLOGIES

Chairman: **Pr. Dr. Jaroslaw PIETRAS** (Visiting Professor, CoE & former Director General DG Tree at the European Council)

- **Pr. Dr. Marc Baudry** (University Paris Nanterre & Head CO2 Price and Low Carbon Innovation Program at Climate Economics Chair)
 - **Dr Moritz F. KUEHNEL** (Energy Safety Research Institute)
 - **Dr. Stefanie Lehmann** (Fraunoffer Institute)
 - **Fabio Maria MONTAGNINO** - CYI, Head of Innovation (Cyprus Institute)
 - **Mark Van STIPHOUT**, Deputy Head of Unit (New energy technologies, innovation and clean coal) in DG Energy
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17:30 - 17:45 CONCLUSIVE REMARKS

For those registered, a guided tour of Bruges or a boat trip on the Bruges canal will take place on May 7 from 10:00 - 11:00

PARALLEL SESSIONS I

May 5, 2022

9.20 am- 11.20am

SESSION 1/ Room Outryve (1.02) : EU POLICIES

Chair: **Pr. Dr. Jacques PELKMANS (CEPS)**

"EUROPE'S POSITION IN TECHNOLOGY DEVELOPMENT AND THE "EUROSTARS" PROGRAMME"

SZCZYGIELSKI Krzysztof (University of Warsaw)

"THE IMPACT OF R&D, STRUCTURAL FUNDS, AND WAGE PRESSURE ON TOTAL FACTOR PRODUCTIVITY IN EUROPEAN NUTS2 REGIONS"

REHMAN Naqeeb (Westminster International University, Tashkent)

"EMERGING 21ST CENTURY TECHNOLOGIES: HOW MUCH IS EUROPE FALLING BEHIND?"

CONFRARIA Hugo (Universidade de Lisboa & SPRU), **FERREIRA Vitor Hugo** (Polytechnic Institute of Leiria, Portugal) & **GODINHO Manuel Mira** (ISEG, Universidade de Lisboa)

PARALLEL SESSIONS I

May 5, 2022

9.20 am- 11.20am

SESSION 2/ Room Schuman (1.04)
DRIVERS OF INNOVATIONS / POLICY INSTRUMENTS

Chair: **Pr. Dr. Matthias WEBER** (Austrian institute of technology & Gustave Eiffel University)

"INDUSTRIAL INTRUSIONS AND IMPLICATION"

STUPAK Oleh (University of Oxford)

"THE EFFECT OF R&D ON QUALITY, PRODUCTIVITY AND WELFARE"

CHAN Mons, PETRIN Amil, and WARZYNSKI Frederic (Aarhus University (Toronto, Minnesota))

"BUILDING AN INNOVATION ECOSYSTEM IN MICRO-ELECTRONICS IN EUROPE. THE CASE OF THE SEMI-CONDUCTOR INDUSTRY"

LAPERCHE Blandine & Dimitri UZUNIDIS (University of Littoral Côte d'Opale)

"THE INFLUENCE OF EUROPEAN PUBLIC POLICIES ON HEMP BIOECONOMIC INNOVATION TRAJECTORIES"

Aliénor de ROUFFIGNAC (Université du Littoral), **Romain DEBREF & Jérémie BASTIEN** (Université de Reims)

PARALLEL SESSIONS I

May 5, 2022

9.20 am- 11.20am

SESSION 3/ Room Baekeland (2.02)
INNOVATION IN/BY UNIVERSITIES

Chair: **Dr. Vitantonio MARIELLA** (IRPPS - Italian National Research Council)

"THE IMPACT OF INITIATIVE OF EXCELLENCE FUNDING IN UNIVERSITIES"

CORSINI Alberto (Université Côte d'Azur), **McCABE Mark** (Boston Université), **MUSSO Patrick** (Université Côte d'Azur) & **PEZZONI Michele** (Université Côte d'Azur)

IMPROVING RESEARCH PRODUCTIVITY, WITH A FOCUS ON SOCIETAL IMPACTS

ARZA Valeria (National University of San Martin), **CHAVARRO Diego**, **CIARLI Tommaso** (UNU-MERIT, Maastricht) & **CONFRARIA Hugo** (SPRU University of Sussex a Lisbon)

"CATALYST FUNCTION TO COMBINE KNOWLEDGE OF DIVERSE PROJECT MEMBERS WITHIN AND BEYOND UNIVERSITIES TO APPLY KNOWLEDGE FROM UNIVERSITIES"

HAGA Kazue (Waseda University)

"USING NAUGHTY METHODS TO BYPASS HIERARCHIES"

VITT Nico & WULF Volker (University of Siegen)

PARALLEL SESSIONS II

May 5, 2022

13.30pm – 15.00pm

SESSION 4/ Room Outryve (1.02)
SECTORAL INNOVATION

Chair: **Mr Cédric LALAZON** (Directeur Innovation et experimentation, Propulsion Québec)

"TECHNOLOGICAL SPECIALIZATION DRIVING TO SUSTAINABLE DEVELOPMENT. THE CASE OF AUTOMOBILE INDUSTRY"

GUZMAN Alenka & MAQUENA Poletth (Universidad Autónoma Metropolitana)

"DETERMINANTS OF PRODUCT INNOVATION AND INNOVATION COOPERATION IN GERMAN TRANSPORT EQUIPMENT MANUFACTURING INDUSTRY"

BODUR Fatma (Cooperative State University of Applied Sciences Stuttgart) & **KUHN Marc** (Cooperative State University of Applied Sciences Stuttgart) & **PETRIN Amil** (University of Minnesota & NBER)

"ANALYZING LINK FORMATION AND DISSOLUTION IN THE GERMAN AUTOMOTIVE IN THE GERMAN RESEARCH NETWORK"

WOLF Patrick (University of Bremen)

PARALLEL SESSIONS II

May 5, 2022

13.30pm- 15.00pm

SESSION 5/ Room Schuman (1.04)
ECOLOGICAL TRANSITION

Chair: **Mr Denis LECLERC** (Président, Ecotech)

"CAN DEREGULATION BE A DRIVER FOR RADICAL "GREEN" INNOVATIONS?"

ROMAGNOLI Mattheo (Universita degli Studi di Milano Bicocca)

"DEMAND PULL SUPPORT TO RENEWABLES: ARE INVESTORS AND INNOVATORS EXPECTATIONS ALIGNED?"

BAUDRY Marc (Université Paris Nanterre) & **DUMONT Beatrice** (Université Sorbonne Paris Nord)

"EUROPEAN INNOVATION POLICIES TOWARDS RESOURCE-CONSTRAINED INNOVATION IN FAVOUR OF CIRCULAR ECONOMY"

LE Son Thi Kim (Université du Littoral)

PARALLEL SESSIONS II

May 5, 2022

13.30pm – 15.00pm

SESSION 6/ Room Baekeland (2.02)
SOCIAL INNOVATION

Chair: **Mr Luciano BARIN-CRUZ** (Co-fondateur & Directeur, Pôle IDEOS HEC Montréal)

"A NEW PLAYER HAS ENTERED THE GAME - UNIONS AND WORKS COUNCILS AS INNOVATORS IN RURAL REGIONS"

GERBRACHT Marc & WULF Volker (University of Siegen)

"HAPPINESS AND INNOVATION: TOWARD A POSITIVE INNOVATION"

BRULE Gaël (Université Neuchâtel) & **MUNIER Francis** (Université de Strasbourg BETA)

"VERS QUELS ACCOMPAGNEMENTS DES INNOVATIONS SOCIALES AVEC UN OBJECTIF DE SERVICE PUBLIC DANS LES PAYS EUROPÉENS?"

MERLIN Céline (Université de Lille)

PARALLEL SESSIONS III

May 6, 2022

9.50am - 11.50am

SESSION 7/ Room Outryve (1.02)
INNOVATION CLUSTERS AND ECOSYSTEMS

Chair: **Pr. Dr. Peter CLAEYS** (CoE)

"WHAT VALUE IN ECOSYSTEMS? A SYSTEMATIC LITERATURE REVIEW"

STOICA Tatiana (Université de Lorraine), **MULLER Paul** (Université de Lorraine) &
SZOSTAK Bérangère (Université de Strasbourg)

"EXPLORING MEDTECH INNOVATION ECOSYSTEMS: A DYNAMIC CAPABILITIES APPROACH"

BEJEAN Mathias (Univ. Paris Est Créteil)

"APPRECIATING UNCERTAINTY: LABORATORIES FOR CO-CREATING DEDICATED KNOWLEDGE
IN INNOVATION SYSTEMS"

MULLER Matthias, **SCHLAILE Michael P.**, **LANG Stephanie**, **PYKA Andreas** &
SCHRAMM Michael (University of Hohenheim)

PARALLEL SESSIONS III

May 6, 2022

9.50am - 11.50am

SESSION 8/ Room Baekeland (2.02)
TERRITORIAL RESILIENCE AND COMPETITIVENESS

Chair **Pr. Dr. Muhamed KUDIC** (University of Siegen)

"ON THE GEOGRAPHY OF THE DIGITAL SPECIALIZATION OF GREEK REGIONS"

DIMAS Petros & STAMOPOULOS Dimitrios (National Technical University of Athens)

"TERRITORIAL RESILIENCE ASSESSMENT: A LIVING LAB-BASED APPROACH"

KASMI Fedoua, ENJOIRAS Manon, MOREL Laure (Université de Lorraine)

"THE LIVING LAB APPROACH TO IMPROVE THE IMPLEMENTATION AND MANAGEMENT OF FRENCH FORESTRY POLICY"

ARNOULT Maxence; MOREL Laure, FOURNIER Meriem (Agrotech; Université de Lorraine; INRAE)

"POST-COVID 19 RECOVERY, INNOVATION AND TERRITORIAL COMPETITIVENESS: ASSESSING POLICY CHOICES OF PORTUGAL UNDER NEXT GENERATION EU"

MARQUES SANTOS Anabela, (European Commission, Joint Research Centre), **LARANJA Manuel** (ISEG, University of Lisbon), **CONTE Andrea & SALOTTI Simone** (European Commission, Joint Research Centre)

PARALLEL SESSIONS III

May 6, 2022

9.50am - 11.50am

SESSION 9/ Room Schuman (1.04)
TECHNOLOGICAL COMPETITIVENESS & INDUSTRIAL STRATEGIES

Chair: **Pr. Dr. Mireille MATT** (LISIS-INRAE)

"INNOVATION AND ADOPTION OF ADVANCED DIGITAL TECHNOLOGIES: EU VS US."

Désirée RÜCKERT (European Investment Bank)

"TOWARD A EUROPEAN APPROACH TO INDUSTRY 5.0"

LIMA Marcos (SKEMA Business School)

"DEMAND-PULL AND TECHNOLOGY-PUSH: WHAT DRIVES THE DIRECTION OF TECHNOLOGICAL CHANGE?"

HOTTE Kerstin (INET, University of Oxford)

"WIND OF TECHNICAL CHANGE: DO PATENTS MATTER?"

LIGNAU Valentin (University Paris Nanterre & Climate Economics Chair)

PARALLEL SESSIONS IV

May 6, 2022

13.00pm - 15.00pm

SESSION 10/ Room Schuman (1.04)
INNOVATION AND REGIONAL DEVELOPMENT

Chair:

"COULD SMART SPECIALIZATION CONTRIBUTE TO DYNAMIC REGIONAL RESILIENCE?"

ELOUAER MRIZAK Sana (Université du Littoral Côte d'Opale) & **LEBERT Didier** (ENSTA)

"AN EVENT HISTORY ANALYSIS ON SPEED AND PROPENSITY OF REGIONS TO INITIATE R&D ACTIVITIES TOWARDS E-MOBILITY"

WOLF Patrick (Center for solar energy & hydrogen & University of Bremen), **KUDIC Muhamed** (University of Siegen) & **BUCHMANN Tobias** (University of Bremen)

"INDUSTRY 4.0 AND RE-INDUSTRIALISATION"

BOUTILLIER Sophie (Université du Littoral) & **GRONDEAU Alexandre** (Aix Marseille University)

"FRANCE FACES THE CHALLENGES AND OBSTACLES OF RE-INDUSTRIALISATION"

BOST François (Université de Reims)

PARALLEL SESSIONS IV

May 6, 2022

13.00pm - 15.00pm

SESSION 11/ Room Outryve (1.02)
ECONOMIC COMPLEXITY AND SOCIO-ECOLOGICAL TRANSITIONS

Chair: **Pr. Dr. Jaroslaw PIETRAS** (Visiting Professor, CoE & former Director General DG Tree at the European Council)

"INNOVATION SYSTEMS AND TRANSITIONS TO SUSTAINABLE DEVELOPMENT"

KNELL Marc, KOCH Per, KUDIC Muhamed (University of Siegen)

"THE POTENTIAL OF TECHNOLOGICAL PROGRESS FOR INTERNATIONAL SUSTAINABILITY TRANSITIONS: A SPATIALLY DISAGGREGATED ANALYSIS ACROSS WORLD REGIONS"

WAGNER Markus HURLER (University of Augsburg), **KLUGE Jessica** (University of Strasbourg, BETA) & **HURLER Michael** (University of Augsburg)*

"ENGAGING STAKEHOLDERS IN BUILDING A SUSTAINABLE INNOVATION ECOSYSTEM IN DEVELOPING EUROPEAN COUNTRIES: THE CASE OF ALBANIA"

SULA Oliana (University Aleksandër Moisiu Durrës)

PARALLEL SESSIONS IV

May 6, 2022

13.00pm - 15.00pm

SESSION 12/ Room Baekeland (2.02)
STAKEHOLDERS IN RESEARCH & INNOVATION

Chair: **Mme Marie-Pierre IPPERSIEL** (PDG PRIMA)

"FROM CROWDSOURCING TO INCLUSIVENESS: THE EUROPEAN EXPERIENCE OF INNOVATION PRIZE FOR GRAND CHALLENGES"

LIOTARD Isabelle ((Université Sorbonne Paris Nord) & **REVEST Valérie** (Université Lyon Jean Moulin)

"ASSESSING THE EFFECTS OF AN EXPERIMENTAL POLICY INSTRUMENT: INTERMEDIARY AGENTS IN PARTICIPATORY RESEARCH AND INNOVATION"

LHOSTE Evelyne (Université Gustave Eiffel)

"DISTRIBUTED INNOVATION: IS IT (SERIOUSLY) POSSIBLE TO FACE SOCIAL AND ECOLOGICAL TRANSITIONS"

RUANO BORBALAN Jean-Claude (Conservatoire National des Arts et Métiers)

"THE ROLE OF RESPONSIBLE RESEARCH IN THE MASTERING OF TECHNOLOGICAL RISKS. THE CASE OF TITANIUM DIOXIDE"

BOUTILLIER Sophie, LAPERCHE Blandine & FOURMENTIN Sophie (Université du Littoral)