The Institute for Advanced Studies
Foreword

The IAS of the University of Cergy-Pontoise stands at the dawn of a new Era. Founded in 10 years ago, its main program consisted so far in multidisciplinary thematic cycles combined with a visitors program. Last year, the University of Cergy-Pontoise was selected by the French government as one the “Initiatives of Excellence” in higher education and research among a dozen French academic institutions in capacity to become world-class universities. As a result, the University launched an ambitious development strategy focused on increasing its research potential and fostering international academic exchange and visibility. The IAS of the University of Cergy-Pontoise plays a key role in this strategy. In this context, the IAS will launch a new fellows-in-residence program open to all researchers world-wide in all disciplines.

The University of Cergy-Pontoise

General description

The University of Cergy-Pontoise (http://www.u-cergy.fr), is a French national university located in the greater Paris area. It is a young, multidisciplinary, mid-sized, university. It has around 18,000 full-time students and 1,000 academic and research staff and offers training and research in most academic disciplines, with the exception of medicine. The University of Cergy-Pontoise is primarily based on a campus nested within the city of Cergy-Pontoise, 30 km in the North-West of Paris. The university is well-connected by public transportation with the Paris city-center and the Charles-de-Gaulle international airport, that can both be reached in about 40 minutes.
The University of Cergy-Pontoise is one of the leading actors of a broader consortium, the Paris Seine Consortium, of higher education and research institutions located in the Cergy-Pontoise area. The Institute for Advanced Studies of the University of Cergy-Pontoise is dedicated to welcoming international scholars conducting research in the various HER institutions of Paris Seine consortium.

The Paris Seine consortium, also gathers:

- ESSEC Business School (www.essec.edu), which is in the top-3 Business school in France and one of the world’s leading Business Schools.
- EISTI (www.eisti.fr) and ENSEA (www.ensea.fr), two engineering schools specialized in computer science.

All institutions are currently collaborating with the University of Cergy-Pontoise at various levels (teaching programs, research centers). Furthermore, all institutions are currently engaged in a process of institutional convergence that should lead to a strong integration of the various schools into a single, highly visible institution.

The Paris Seine “Initiative of Excellence”

The University of Cergy-Pontoise recently launched the Paris Seine Initiative, which has been selected in 2017 by the French government as one of the “Initiatives of Excellence” in higher education and research.

This selection is part of a wave of calls for proposals launched by the French government (the “Investments for the Future” program), which aimed at identifying a dozen of French academic institutions in capacity to become world-class universities. These universities, recognized for the quality of their research and the quality of their education, have been selected by an international jury.

Selection as one of the few “Initiatives of Excellence” in French academia provides the University of Cergy-Pontoise with both increased national visibility and additional financial support. This, in turn, allows us to implement an ambitious development strategy, in which the Institute of Advanced Studies plays a key role.

The Paris Seine Initiative, promoted by the Paris Seine consortium intends to transform Cergy-Pontoise’s Higher Education and Research environment and improve its visibility and attractiveness. It focuses on two main objectives:

- The promotion of an international research university, positioned as a leading international player, ranked in the top 200 with a recognition for excellence in selected fields of expertise.
- The development of international campus that will embody the renewed academic environment, articulated around an urban center and the surrounding nature, enabling a reappropriation of the banks of the river Oise and the big lakes of Cergy (http://www.campusinternational-parisienne.com/).

The research strategy developed under the Paris Seine Initiative rests on two main pillars:

- A policy aimed at fostering international academic exchange between the University of Cergy-Pontoise (and partner schools) on the one hand and academic institutions world-wide, in order to foster the international visibility and the attractiveness of our university and to ultimately help develop the research potential of our institutions.
- A policy aimed at developing the scope of research expertise within our university by encouraging innovative and original research and stimulating inter-disciplinary exchange.

The Institute of Advanced Studies of the University of Cergy-Pontoise plays a key role in the promotion of this research strategy. First, because the IAS is the meeting point of the local and international academic communities and thus will be in charge of increasing incoming research mobility by developing a fellows-in-residence program that will complement the already existing mobility schemes operated by the IAS. Second, because the IAS is also in charge of fostering transdisciplinary research programs within the university.

Scientific scope

The research potential of the University of Cergy-Pontoise, and of the Paris Seine consortium at large, is concentrated in specific research areas in which the university has already gained significant national and international recognition. Instead of offering a comprehensive description of the research conducted at the university, this section presents some key areas of research that can be singled out for both their originality and their high level of excellence.

The first important area of research lies at the intersection of modelling sciences (including mathematics, theoretical physics and computer sciences) and social sciences (economics, management, sociology). Our research in this area combines expertise in these different disciplines to develop cutting-edge models of risk, uncertainty and interactions of large scale systems of agents. By combining such cross-disciplinary areas of knowledge this research cluster intends to shed light on major societal challenges, ranging from the prevention of financial crises to the management of environmental risks.

This research cluster has gained significant recognition at the national scale and was awarded the label “Center of Excellence” by the French government (as part of the “Investments for the Future” program). It rests on the international recognition of several research groups of the university in these disciplines. For instance, the mathematics department of the university is ranked in the world top 200. The combined forces of the economics department of the university and the research groups of the Business schools also have a significant impact at the European and international levels.

Another distinctive area of recognition in research lies at the intersection of Arts and Humanities and Experimental Sciences. Over the recent past, the University of Cergy-Pontoise, in partnership with prestigious art institutions (Le Louvre, Le Château de Versailles) has become a leader in the study, conservation and restoration of material cultural heritage. The PATRIMA project combines expertise from humanities and social sciences and experimental sciences (chemistry, biology, geology, experimental physics) to study and understand the physical properties of the materials that compose artefacts as well as their historical and cultural significance. It also focuses on developing conceptual tools and empirical methodologies that allow performing in depth analyses of art pieces, in order to improve restoration and to develop innovative, less invasive and more effective methods of conservation and restoration.

Lastly, this research cluster is also concerned with the digitalization and dematerialization of cultural objects.
The development of both research and education.

“Initiative of Excellence” emphasizes the importance of these transdisciplinary interactions in the development of innovative research. The strategy implemented under the Paris Seine Initiative of Excellence is good illustrations of recent research success at the University of Cergy-Pontoise. Both demonstrate the key role of cross-disciplinary research in the development of innovative research. The strategy implemented under the Paris Seine Initiative of Excellence emphasizes the importance of these transdisciplinary interactions in the development of both research and education.

The Institute for Advanced Studies at the University of Cergy-Pontoise

Creation and evolution

The Institute for Advanced Studies of the University of Cergy-Pontoise was created in 2007. Upon its creation, the Institute for Advanced Studies embodied the university’s commitment to research excellence. Its main purpose was to foster academic exchange, both within the university and between the university and the broader international academic world. The IAS was conceived as a transdisciplinary venue where research projects spanning multiple fields could be developed. In this respect, the IAS was from the beginning conceived as a common ground where all disciplines could meet without any disciplinary restrictions. In this respect, the IAS offered an answer to the relatively high degree of disciplinary segmentation at work within research centers of the university, in the spirit of the original project of Abraham Flexner.

At the time of his creation, the IAS had no dedicated facility and limited staff supported. It mainly worked as a virtual research center whose main activity was to organize thematic cycles, in partnership with the researchers and centers of the university. The main objective of the thematic cycles was to bring together researchers from different disciplines concerned with a common research topic. As part of the thematic cycle various scientific events were organized (workshops, conferences, advanced courses) over the course of a semester.

On average, two thematic cycles were organized every year. They covered a broad variety of cross-disciplinary topics: the analysis of advanced statistical processes with application to risk management (combining advanced in math, computer science, economics and finance); investigations of semantic issues in the francophone areas (combining linguistics, sociology, political science and poetry); the study of advances in biomaterials (at the interface between chemistry, biology and material engineering); the analysis and prevention of risk in modern societies (combining insights from computer science, data mining and semantics). To name just a few examples.

Besides the organization of thematic cycles, the IAS became in charge of the implementation of the invitation of foreign scholars visiting the university. Beforehand, the invitation of visiting professors was decided at the departmental level. After its creation, the IAS was endowed with an overall budget to conduct the invitation policy of the university. Details on the invitation procedure are given below. The selection procedure was open to all disciplines and emphasis was put on the quality of the research project of the applicants. In deciding on the list of invitees, the IAS was concerned with the development of possible complementarities between the research program of visiting scholars and the activities of the thematic cycles. As a result, an international chair was introduced in 2011 that hosted a long-term visitor for a duration of 6 to 9 months.

To summarize, the organization of thematic cycles together with the visiting professors program have been the bulk of the activity of the IAS until recently. During this period, the activities of the IAS were limited by the lack of dedicated facility. As a result, visitors invited by the IAS were not hosted at the Institute but stayed at the research centers relevant to their research. This limited the extent of interdisciplinary exchange, despite significant effort in this direction, through the thematic cycles. The situation changed in 2016 when the IAS moved into a new building hosting its activities.

Current status

Since the fall of 2016, the IAS of the University of Cergy-Pontoise moved into a new building known as Maison Internationale de la Recherche. This facility provides:

- Office space for the IAS Staff
- Office for visiting professors (capacity: 20 visitors)
- An auditorium (150 seats) and 5 seminar rooms
- 15 apartments for visiting professors (8 one-bedroom apartments, 4 two-bedroom apartments, 3 three-bedrooms apartments).

The pictures below provide an overview of the IAS facility. [NB: not shown on the pictures, the building also hosts two research centers in biology and geology.]

The IAS takes the form of an Institute of the University. It is run by a Director, appointed by the president of the university. The director is assisted by a Secretary General, two administrative assistants and a logistics assistant. The recurrent budget of the IAS is voted by the University. In 2018 and 2017 the budget amounted to 412k Euros. This budget is used to finance the main activities of the IAS (invitations and scientific events organization).

New actions are in the process of being implemented on the basis of additional funds raised under the Paris Seine Initiative of Excellence. The Initiative decided to endow the IAS with a budget of 900k Euros in order to implement a fellows in residence program in addition to the already existing visitors program. (Details on this and other programs are provided below).

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1. European Research Infrastructure for Heritage Science (European infrastructure of research, part of S3 Smart Specialisation).
A scientific council, consisting in renowned previous visitors, was appointed to advise the IAS on its action and policy. This council has to be renewed.

Decisions pertaining to the organization of scientific events and the invitation of visiting professors are managed through calls for proposals. The nature of the call for proposal varies with the instrument. In all cases, final decisions are taken after an evaluation process conducted by an ad hoc multidisciplinary committee.

The governance structure of the IAS is bound to evolve in the near future to reflect the broader role played by the IAS in the Paris Seine consortium. While remaining an Institute of the University of Cergy-Pontoise, the IAS will adopt an executive committee where representatives of the various schools of the consortium will sit. As a correlated, the IAS is bound to play a broader role in the conduct of the invitation policies of these institutions.

More details on the current structure, its main activities and programs can be found online at https://iea.u-cergy.fr

Main programs

NB: In this section, I describe the running programs conducted at the IAS up until the end of the academic year 2016-2017. In addition to these programs, new activities are being developed under the Paris Seine Initiative for Excellence. They are presented in the next sub-section as well as in section 3.

- Visitors programs
  The IAS funds and coordinates a yearly visitors program, which mostly consists in relatively short stays (typically less than a month) of foreign visitors from all disciplines. Visitors in this program are strongly attached to a specific research center of the university and are not in residence at the IAS.

- Thematic cycles
  These cycles consist in series of scientific events on a topic that gather different disciplines. Detailed programs can be found on line. These semesters typically last for a duration of one semester. However, some topic constitute recurring threads of the IAS research activities. One such topic is the topic of Complexity and its application to a variety of applications from the structure of Neural Networks, to the analysis of information dissemination in financial crisis. Such a thematic cycle is currently under way. Thematic cycles usually come along with visiting professorships for periods of one to several months.

- Guest lectures
  Guest lectures are seminar presentations given by IAS visitors. They are targeted at a broader audience than specialty seminars.

- Conferences
  The IAS also organizes or sponsors smaller and more specialized scientific events (sometimes in partnership with other research structures – e.g. our centers of excellence – or other institutions).

New and forthcoming programs

With the exception of the single international visiting chair created in 2011, most visits to the IAS shared two characteristics: They were relatively short and the invitation proposals originated in the University of Cergy-Pontoise community of researchers.

In addition to this visitors program, the IAS has decided to launch a fellows-in-residence program focused on longer stays and based on open call for applications.

The full fellows in residence program is yet to be launched. This should occur in the coming months. A first step has been taken in this direction in the year 2017-2018, with the invitation of visitors staying for the duration of an entire term (three months). 9 term-visitors are scheduled to visit the IAS in the coming year.

The fellows-in-residence program will host leading international experts in all the fields of expertise represented at the University of Cergy-Pontoise, together with selected faculty members. While at the IAS, fellows will be offered outstanding conditions to develop their own research. Exchange between fellows will be promoted through regular seminars and regular scientific events will enable significant outreach to our entire research community.

Financing for this program has been secured thanks to the Paris Seine Initiative of Excellence for a yearly amount of 900k Euros. This should allow hosting every year a total about 15 foreign fellows for a period of 10 months. We aim at recruiting a balance of junior and senior researchers.

Last, the IAS has also recently initiated a collaboration with the US Fulbright academic exchange program to co-finance researcher and doctoral student mobility between the Paris-Seine consortium and US academic institutions. The Fulbright-Paris Seine exchange program co-funds the visit of up to two US researchers at the IAS of the University of Cergy-Pontoise.

Function of the Institute for the University

The main mission of the Institute for Advanced Studies within the University of Cergy-Pontoise is to be a catalyst in the transformation of the research potential of the university by promoting excellence in research, enabling the emergence of innovative transdisciplinary research projects and developing high-level international scientific exchanges.

As such, the IAS is not confined to a specific research area or set of research fields. All disciplines are eligible to the programs conducted by the IAS, as demonstrated by the broad disciplinary scope of conferences and visitors of the IAS in the past years. The wide scientific scope of the IAS is undeniably a strong asset in the development of transdisciplinary research.

In fact, it is worth emphasizing that the wide range of disciplines represented at the IAS of the University of Cergy-Pontoise (including modelling science\(^2\) and experimental science together with social science, humanities and art), is, in the French context, a rare exception shared only with the University of Strasbourg.

One of the recurring research areas of the IAS is also interdisciplinarity in essence. Building on expertise in modelling and social sciences, the IAS supports research and visitors that addresses the inherent complexity of large-scale societal issues by focusing on the analysis of interactions, the modelling of uncertainty and its consequences in decision-making and creation, the modelling of information production, transmission and extraction, individual and collective decision-making (technical, social, economic, ethical) using conceptual and formal models. The IAS is also currently developing a joint research program in partnership with the Chaire Edgar Morin de la complexité created at ESSEC in 2014 (http://chaire-edgar-morin-complexite.essec.edu/).

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Fellowship programs

In this section, we provide details on two distinct fellowship programs:

• The visitors program that has been running over the last 5 years and will continue in the coming years.
• The forthcoming fellows-in-residence program that will be launched in 2018, under the Paris Seine Initiative of Excellence. This program is more representative of the ambition of the IAS.

Size of the fellowship program

• Visitors program: 60 fellows-months.
• Fellows-in-residence program: 150 fellows-months.

Procedure concerning selection of fellows

• Visitors program
  The visitors program is based on a bottom-up sponsorship procedure where invitation proposals are submitted by researchers of the University of Cergy-Pontoise (and more recently other institutions of the Paris Seine consortium). There are no a priori constraints on the duration of stay. Typical stays range from one week to three months, with an average duration of 18 days.

• Fellows-in-residence program
  The fellows-in-residence will be based on an open-call for application, targeted at two distinct categories of researchers: junior fellows and senior fellows. Although no fixed quotas will be imposed, we will seek to maintain a balance between the two categories. The selection will also seek to maintain gender balance and disciplinary variety. The minimum duration of stay will be one semester but fellows will be encouraged to stay for the entire academic year (10 months).
  In both cases, the selection is based on evaluation by an ad hoc interdisciplinary evaluation committee including external researchers.

Physical organization of the institute

• Visitors program
  Visitors located in the various research centers of the university. Jointly attending the Guest lecture when present at the university. Possibly hosted in the visiting faculty housing.

• Fellows-in-residence program
  Fellows are offered office space at the IAS. They may occasionally have part-time office space in the départements relevant to their research, in particular in the case of researchers in need of specific experimental equipment. Possibly hosted in the visiting faculty housing.

Internal fellows

So far, the IAS does not host internal fellows but we expect to allow for that in the future in order to maximize interactions between fellows and the rest of the scientific community. We expect to have a maximum ratio of one internal fellow for two external fellows.

Disciplinary spread

All disciplines are eligible to the programs conducted by the IAS (including modelling science and experimental science together with social science, humanities and art). This is, in the French context, a rare exception shared only with the University of Strasbourg (USIAS). We are also contemplating the possibility to add to our fellowship programs an artistic residency, in partnership with the Cergy-Paris School of Art (ENSA-PC).

Composition of nationalities among fellows

The current composition of country of origin among fellows comes as follows.

Organization of mandatory and/or optional activities for fellows in the institute

Attendance is the Guest lecture is compulsory for fellows. We are planning to organize a weekly lunch gathering all the fellows of the fellows-in-residence program, where visitors to the visitors program and resident faculty may occasionally join.
  In addition, fellows will be offered the possibility to organize workshops and conferences (dedicated funding and logistic support).

3. The IAS gathered under the Réseau Français are for the most part concentrated in the social sciences and humanities.
Prof. AJAYI Fanelwa, University of Western Cape, South Africa (Chemistry).
Prof. ANDERSON Simon, University of Virginia, USA (Economics).
Prof. ANTONIOU Fabio, University of Ioannina, Greece (Economics).
Prof. BAGLIONI Piero, University of Florence (UNIFI), Italy (Chemistry).
Prof. BAKER Priscilla, University of Western Cape, South Africa (Chemistry).
Prof. BEN ALAYA Dorra, Université de Tunis El Manar, Tunisia (Psychology).
Prof. BERGIN Edwin, University of Michigan, USA (Physics).
Prof. BERRUK Said, CERIST, Algeria (Education science).
Prof. BRUNO Laura, University of Rome 'Tor Vergata', Italy (Biology).
Prof. CACHO Cephise, Rutherford Appleton Laboratory, UK (Physics).
Prof. CARINCI Maria-Teresa, University of Milan (UNIMI), Italy (Law).
Prof. CAUDRELIER Vincent, University of Leeds, UK (Physics).
Prof. CEBEIRO Javier, National University of San Martin, Argentina (Computer science).
Prof. CHAUBET Philippe, Université du Québec à Montréal (UQAM), Canada (Education science).
Prof. DA SILVA FILHO Demetrio Antonio, University of Brasilia, Brazil (Chemistry).
Prof. DEPOVER Christian, Université de Mons Hainaut, Belgium (Education science).
Prof. DERDER Mohamed, C.R.A.A.G., Algeria (Geoscience).
Prof. DOMINGUEZ MALDONADO Rubén, Université Anahuac MAYAB, Mexico (Geoscience).
Prof. DUARTE Pedro, University of São Paulo, Brazil (Economics).
Prof. FALKESCHINI Flora, University of Padova, Italy (Civil engineering).
Prof. FARKHUTDINOV Iskhak, Bashkir State University, Bashkir Republic (Geoscience).
Prof. FIOCCO Raffaele, Università di Rovira i Virgili, Italy (Economics).
Prof. FIORELLI Paul, Wavir université, Illinois, USA (Law).
Prof. FONKOUA Pierre, Université de Yaoundé, Cameroun (Education science).
Prof. GAUCHER Emmanuel, Karlsruher Institut für Technologie, Germany (Geoscience).
Prof. GHEDAMSI Imene, University of Tunis, Tunisia (Mathematics).
Prof. GREEN Mark, Queen’s university, Canada (Civil engineering).
Prof. HAISSEN Faouziya, Université Hassan II de Casablanca, Morocco (Geoscience).
Prof. HÖPFNER Reinhard, Universität Mainz, Germany (Mathematics).
Prof. KARSENTI Thierry, Université de Montréal, Canada (Education science).
Prof. KENAÏ Said, Bilida University, Algeria (Civil engineering).
Prof. KHAHNADI Jouda Jemaa, Université ElManar Tunis, Tunisia (Physics).
Prof. KHHELFI Abdessattark, Bizerte University, Tunisia (Mathematics).
Prof. KHIRREDINE Haïfit, Béjaia University, Algeria (Chemistry).
Prof. KLESOV Oleg, Kiev Polytechnic Insitute, Ukraine (Mathematics).
Prof. KOMIS Vassilis, University of Patras, Greece (Education science).
Prof. KRISTENSEN Lars, University of Copenhagen, Denmark (Physics).
Prof. KRUSE Douglas, Rutgers University, USA (Economics).
Prof. KUBYSHKIN Vladimir, Technical University of Berlin, Germany (Chemistry).
Prof. LALE Etienne, Université du Québec à Montréal (UQAM), Canada (Economics).
Prof. LAROCHE Gaetan, Université Laval, Canada (Biology).
Prof. LASHKARI Danial, Yale University, USA (Economics).
Prof. LEPRI Stefano, Consiglio Nazionale delle Ricerche- Istituto dei sistemi complessi, Italy (Physics).
Prof. LIN Weiqiang, National University of Singapore, Singapore (Geography).
Prof. MADDEN John, University of British Columbia, Canada (Chemistry).
Prof. MASSERA Jonathan, University of Tampere, Finland (Biology).
Prof. MILA Frédéric, École Polytechnique Fédérale de Lausanne, Switzerland (Physics).
Prof. MULLER James W., University of Alaska Anchorage, USA (Political science).
Prof. MUN Bongjin Simon, Gwangju Institute of Science and Technology, Korea (Physics).
Prof. NGUYEN Van Khiem, Nguyen Tat Thanh University of Technology and Education, Vietnam (Chemistry).
Prof. RAQUEZ Jean-Marie, University of Mons, Belgium (Chemistry).
Prof. RUIZ DELGADO Maria Carmen, University of Málaga, Spain (Chemistry).
Prof. SALMAN Seyhan, Gwinnett Technical College, USA (Chemistry).
Prof. SCAILLET Olivier, Université de Genève, Switzerland (Economics).
Prof. SCHMIDT Richard, College of the Holy Cross, USA (Psychology).
Prof. SCHUR Lisa, Rutgers University, USA (Political science).
Prof. SEKERIS Petros, Montpellier Business School, France (Economics).
Prof. SKAKALOVA Viera, University of Vienna, Austria (Physics).
Prof. STROBL Eric, University of Bern, Switzerland (Economics).
Prof. TCHANTCHO Bertrand, Université de Yaoundé, Cameroon (Economics).
Prof. VASIC Bane, University of Arizona, USA (Computer science).
Prof. VELASQUEZ PUERTA Diego Alejandro, CES University, Colombia (Biology).
Prof. WINTER Gretchen, University of Illinois Urbana-Champaign, USA (Law).
Prof. XU Cenke, University of California, USA (Chemistry).
Prof. YAJI Rachel Fanelwa, University of Western Cape, South Africa (Chemistry).
Prof. ZAHLOUL Najib, Université Abderrahmane Essaadi, Morocco (Geoscience).
Prof. ZHANG Qianfan, Beijing University, China (Law).
Prof. ANBARCI Nejat, Deakin University, Australia (Economics).
Prof. ARIU Andrea, University of Geneva, Italy (Economics).
Prof. BAKER Priscilla, University of Western Cape, South Africa (Chemistry).
Prof. BEN ALAYA Dorra, Université de Tunis El-Manar, Tunisia (Psychology).
Prof. BERROUK Said, University of Patras, Algeria (Education science).
Prof. BIRINDELLI Isabella, University of Rome «La Sapienza», Italy (Mathematics).
Prof. CACHO Cephise, Rutherford Appleton Laboratory, UK (Physics).
Prof. CHARARA Marwan, Skolkovo Institute of Science and Technology, Russia (Geoscience).
Prof. CREE Duncan, University of Saskatchewan, Canada (Civil engineering).
Prof. CRISAN Sorin Ion, University of Arts Targu-Mures, Romania (Literature).
Prof. DA SILVA FILHO Demétrio Antônio, Universidade Federal do Rio Grande do Sul, Brazil (Chemistry).
Prof. DEPOVER Christian, Université de Mons, Belgium (Economics).
Prof. DIKOU Anastasia, Heriot Watt University, Edinburgh, Greece (Physics).
Prof. DOOR Schmich Michael, Central European University, Budapest, Hungary (Economics).
Prof. FALeschini Flora, University of Padova, Italy (Civil engineering).
Prof. FARCAS Aurica, Petru Poni Institute, Roumania (Chemistry).
Prof. FIORELLI Paul, Xavier University, USA (Law).
Prof. FONKOUA Pierre, Université de Yaoundé, Cameroon (Education science).
Prof. FORTUNA Cinira Magali, University of Sao Paulo, Brazil (Social studies).
Prof. GHOSAL Sayantani, University of Glasgow, India (Economics).
Prof. GILON Chaim, The Hebrew University of Jerusalem, Israel (Chemistry).
Prof. GREEN Mark, Queen’s university, Canada (Civil engineering).
Prof. GUERRERO BARRERA Alma Lilian, Universidad Autónoma de Aguascalientes, Mexico (Biology).
Prof. HAGENDORF Christian, Université Catholique de Louvain, Germany (Physics).
Prof. HASLER Jennifer, Georgia Tech, USA (Computer science).
Prof. HOUEIGNOU Didier, Université d’Abomey Calavi, Cotonou, Benin (History).
Prof. IRTIS Verda, Galatasaray University, Istanbul, Turkey (Sociology).
Prof. JACKSON Volkan, McGill University, Montréal, Canada (Mathematics).
Prof. KARSENTI Thierry, Université de Montréal, Canada (Education science).
Prof. KAUFMAN Miron, Cleveland State University, USA (Physics).
Prof. KHAHSHAN Jouda Jemaa, Université ElManar Tunis, Tunisia (Physics).
Prof. KLESOV Oleg, Kiev Polytechnic Institute, Ukraine (Mathematics).
Prof. KOMIS Vassiliis, University of Patras, Greece (Education science).
Prof. KRABBENHOFT Kristian, Centre of Excellence for Geotechnical Sciences and Engineering, Australia (Geoscience).
Prof. LARUELLE Annick, University of the Basque Country, Spain (Economics).
Prof. LESSARD Benoit, Université d’Ottawa, Canada (Chemistry).
Prof. MARCIN ĆZAK Szymon, University of Lodz, Poland (Geography).
Prof. MARTINEZ OLMOS Pablo, University Carlos III, Madrid, Spain (Computer science).
Prof. MASSERA Jonathan, Tampere university of technology, Finland (Biology).
Prof. MINAR Jan, Ludwig-Maximilians-Universität (LMU), Munich, Germany (Physics).
Prof. NABAWY Bassem, National Research Center, Egypt (Geoscience).
Prof. NAQUAR Mohamed Wissem, ENIT Tunis, Tunisia (Electrical engineering).
Prof. PAMULA Elżbieta, AGH University of Science and Technology in Kraków, Poland (Engineering).
Prof. PEÑA Ruben, Universidad de Concepción, Chile (Electrical engineering).
Prof. REZANEJADE BARDAAJE Ghassam, Payame Noor University, Iran (Chemistry).
Prof. ROVERO Paolo, University of Florence (UNIFI), Italy (Chemistry).
Prof. RUÍZ DELGADO Maria Carmen, University of Malaga, Spain (Chemistry).
Prof. RUNKEL Simon, University of Heidelberg, Germany (Geography).
Prof. SAGLAM Cagri, Bilgi University, Turkey (Economics).
Prof. SALMAN Seyhan, Bilgi University, Ankara, Turkey (Economics).
Prof. SANTOS Manel Yasmine, Universidade do Minho, Portugal (Computer science).
Prof. SCALLLET Olivier, HEC Genève, Switzerland (Economics).
Prof. SCHWARDMANN Peter, Ludwig-Maximilians-Universität (LMU), Munich, Germany (Economics).
Prof. SCIARRETTA Francesca, IUAV University of Venice, Italy (Civil engineering).
Prof. SHIMAVONYAN Gagik, National Polytechnic University of Armenia, Yerevan, Armenia (Physics).
Prof. SIDDIQUE Rafat, Thapar University - Pundjab, India (Civil engineering).
Prof. SLIZKOVA Zuzana, Czech Academy of Sciences, Czech Republic (Geoscience).
Prof. STARYKH Oleg, University of Utah, Salt Lake City, USA (Physics).
Prof. SWINDELEHRST A.Lee, University of California at Irvine (UCI), USA (Computer science).
Prof. TAGLIACCOZZO Luca, University of Strathclyde, UK (Physics).
Prof. TAQUET Vianney, Leiden University, The Netherlands (Astronomy).
Prof. TCHANTCHO Bertrand, École normale supérieure de Yaoundé, Cameroon (Economics).
Prof. VELASQUEZ PUERTA Diego Alejandro, CES University, Colombia (Biology).
Prof. WASINSKI Christophe, Université libre de Bruxelles, Belgium (International relations).
Prof. WIDICUS WEAVER Susanna, Emory University, USA (Astronomy).
Prof. WILGUS Anne Gay, City University of New York, USA (Sociology).
Prof. WINTER Gretchen, University of Illinois, USA (Law).
Prof. ZAIDI Habib, Université de Genève, Switzerland (Computer science).
Prof. ZWICKER William, Union College, Schenectady, NY, USA (Mathematics).

Prof. ANDERSON Simon, University of Virginia, USA (Economics).
Prof. AYAJI Rachel Fanelwa, University of Western Cape, South Africa (Chemistry).
Prof. BAKER Priscilla, University of Western Cape, South Africa (Chemistry).
Prof. BALLET Steven, Vrije Universiteit Brussel, Belgium (Chemistry).
Prof. BEN AYAHMED Sarra, University of Mannheim, Germany (Economics).
Prof. BERNAL DEL NOZAL Jorge, Universitat Autònoma de Barcelona, Spain (Computer science).
Prof. BERROUK Said, University of Patras, Greece (Education science).
Prof. BIRINDELLI Isabella, University of Rome « La Sapienza », Italy (Mathematics).
Prof. BLANK Amanda, Institute for Energy and the Environment, USA (Law).
Prof. BONCALO Oana, Politehnica University of Timișoara, Romania (Computer science).
Prof. CACHO Cephise, Ludwig-Maximilians-Universität (LMU), Munich, Germany (Physics).
Prof. CAROTENUTO Alfonso, University of Naples Federico II, Italy (Chemistry).
Prof. CAUDRELIER Vincent, City University London, UK (Physics).
Prof. CHEHAB May, University of Cyprus, Greece (Literature).
Prof. COLETTO Diego, University of Milano-Bicocca (UNIMI), Italy (Sociology).
Prof. DA SILVA FILHO Demétrio Antônio, University of Brasília, Brazil (Physics).
Prof. DEPOVER Christian, Université de Mons Hainaut, Belgium (Education science).
Prof. DERDER Mohamed El Messaoud, C.R.A.A.G., Algeria (Geoscience).
Prof. DESMA RAI Danielle, Université du Québec à Montréal (UQAM), Canada (Social studies).
Prof. DRDÁCKY Miloš, Czech Academy of Sciences, Czech Republic (Geoscience).
Prof. DUARTE Pedro Garcia, University of Sao Paulo, Brazil (Economics).
Prof. FARAGhe Michelle Cristina, Federal University of Juiz de Fora, Brazil (Civil engineering).
Prof. FARCAS Aurica, Petru Poni Institute, Romania (Chemistry).
Prof. FINNEY Kaan, Australian Securities and Investments Commission, Australia (Law).
Prof. FIORELLI Paul, Xavier University, USA (Law).
Prof. FOKANOS Konstantinos, University of Cyprus, Greece (Mathematics).
Prof. FONKOJA Pierre, Université de Yaoundé, Cameroon (Education science).
Prof. FONSECA Raquel, Université du Québec à Montréal (UQAM), Canada (Economics).
Prof. HARTMANN Alexander, Oldenburg University, Germany (Physics).
Prof. JAKSIC Vojkan, McGill University, Montréal, Canada (Mathematics).
Prof. JÄNTTI Markus, Stockholm University, Sweden (Economics).
Prof. KARS ENTI Thierry, Université de Montréal, Canada (Education science).
Prof. KAU FMAN Miron, Cleveland State University, USA (Physics).
Prof. KOMIS Vasile, University of Patras, Greece (Education science).
Prof. LAGA Hamid, University of South Australia, Australia (Computer science).
Prof. LARJUELLE Annick, University of the Basque Country, Spain (Economics).
Prof. LI Guang-Jin, University of Sheffield, UK (Electric engineering).
Prof. LOLLI Francesco, University of Florence (UNIFI), Italy (Neurology).
Prof. MELLER Carola, Karlsruher Institut für Technologie, Germany (Geoscience).
Prof. MERRI Maryvonne, Université du Québec à Montréal (UQAM), Canada (Psychology).
Prof. MINAR Jan, Ludwig-Maximilians-Universität (LMU), Munich, Germany (Physics).
Prof. MORI Hiroki, University of Osaka, Japan (Computer science).
Prof. MOSEGAARD Klaus, University of Copenhagen, Denmark (Geoscience).
Prof. O’SULLIVAN Luke, University of Singapore, Singapore (Political science).
Prof. PETERSON James, DePaul University, USA (Law).
Prof. PETRONE Giovanni, Université de Salerno, Italy (Electric engineering).
Prof. PRUSCHKE Thomas, Georg-August Universität Göttingen, Germany (Physics).
Prof. PRZYBYLOWSKI Adam, Gdynia Maritime University, Poland (Geography).
Prof. RAJENDRA DONGRE Alpana, Visvesvaraya National Institute of Technology, Nagpur, India (Architecture).
Prof. REJANE JADE BARDAJEE Ghadem, Payame Noor University, Iran (Chemistry).
Prof. RIMOLA Albert, Universitat Autònoma de Barcelona, Spain (Chemistry).
Prof. ROCHON Céline, International Monetary Fund, USA (Economics).
Prof. RUIZ DELGADO Maria Carmen, University of Malaga, Spain (Chemistry).
Prof. SALMAN Seyhan, Bili University, Turkey (Chemistry).
Prof. SAROUT Joël, CSIRO, Australia (Geoscience).
Prof. SCAILLET Olivier, HEC Genève, Switzerland (Economics).
Prof. SEDYKH Arkady, Belgorod National University, Russia (Literature).
Prof. SHAPLOV Alexander, Russian Academy of Sciences, Russia (Chemistry).
Prof. SURGAILIS Donatas, University of Vilnius, Lithuania (Mathematics).
Prof. TCHANTCHO Bertrand, École normale supérieure de Yaoundé, Cameroon (Economics).
Prof. THOMAS Martin, University of Exeter, UK (History).
Prof. TORNARI Vivi, IESL/FORTH Heraklion, Greece (Art Science Conservation).
Prof. VAN TASSEL Paul, Yale University, USA (Chemistry).
Prof. VEHKAALIHTI Roope, University of Turku, Finland (Computer science).
Prof. WINTER Gretchen, University of Illinois, USA (Law).
IN 2018

• Workshop « Thermal evolution of sedimentary basins: Principles, tools and applications to convergent and extensional settings » coordinated by Dominique Frizon de Lamotte (GEC Research Center) - January, 18th, 2018.
• Workshop « Inaugural seminar of the thematic cycle on Complexity » coordinated by Roberto Livi, Università di Firenze (Italie) - January, 30th, 2018.
• Workshop « Lutte contre le terrorisme et protection des données personnelles en France, en Allemagne et au Royaume-Uni » as part of the cycle R2S (Risks, Society and Security), coordinated by Olivier Cahn (CESDIP Research Center) - February, 12th, 2018.
• Workshop « Synchronization and Transport in Complex Systems » as part of the thematic cycle “complexity” coordinated by Dominique Frizon de Lamotte (GEC Research Center) - March, 26th, 2018.
• Workshop « Relations au monde - défis éthiques » organised by the LDD Research Center and coordinated by Dominik Bertrand-Pfaff (University of Saarland, Germany) - March, 27th & 28th, 2018.
• Workshop « Le droit à l’heure de sa « simplification » » coordinated by Gilles Monceau and Valérie Boscquet (EMA Research Center) - April, 23rd & 28th, 2018.
• Workshop « Science week » Politique et recherche avec » coordinated by Gilles Monceau and Valérie Boscquet (EMA Research Center) - April, 23rd & 28th, 2018.
• International conference « Externe Dynamics on Networks » as part of the thematic cycle “complexity” coordinated by Laura Hernandez (LPTM Research Center) - May, 25th, 2018.
• International conference « Deliberation, Belief Aggregation, and Epistemic Democracy » coordinated by Marcus Pivato (THEMA Research Center) - May, 30th & June, 1st, 2018.
• International conference « Conférence la non stationnarité » coordinated by Paul Doukhan (AGM Research Center) - June, 4th to 6th, 2018.
• International conference « InSpire – New Insights on Complex Neural Dynamics » as part of the thematic cycle “complexity” coordinated by Alessandro Torcini and Laura Hernandez (LPTM Research Center) and Marius Ochea (THEMA Research Center) - June, 6th to 8th, 2018.
• International conference « La gouvernance logistique des territoires » coordinated by Antoine Beyer and Laurent Gatineau (MRTE Research Center) - September, 11th to 13th, 2018.
• Workshop « Laconia XII » coordinated by Nicolas Wilkie-Chancellor (SATIE Research Center) - September, 10th, 2018.
• International conference « 12th History of Recent Economics Conference (HSRECCO) » coordinated by Yann Institute for Advanced Studies, University of Cergy-Pontoise - Maison Internationale de la Recherche.
• International conference « European Conference on Biodeterioration of Stone Monuments (ECBSM) » coordinated by Patrick Di Martino (ERRMECe Research Center) - November, 8th & 9th, 2018.
• International conference « COMMUNITAS, Les mouts du commun et de la Communauté » coordinated by Rémi Astruc (AGORA Research Center) - November, 15th to 17th, 2018.

IN 2017

• Workshop « Données massives et mobilité : innovations et politiques publiques » coordinated by Nathalie Picard (THEMA Research Center) - February, 3rd, 2017.
• Workshop « Complex organic molecules in space » coordinated by François Dulieu (LERMA Research Center) - February, 8th, 9th and 10th, 2017.
• Conference « Négocier en contexte de violence radicale » as part of the cycle R2S coordinated by Olivier Romain (ETIS Research Center) - February, 23rd, 2017.
• Workshop of the GIS Fluor du CNRS « Fluor et biomolécules » coordinated by Thierry Brigaud (LCB Research Center) - March, 14th, 2017.
• Conference « Confiance numérique » as part of the cycle R2S coordinated by Olivier Romain (ETIS Research Center) - March, 23rd, 2017.
• Workshop « Incertitude et planification des projets d’aménagement et d’infrastructure » coordinated by Geneviève Zembri (MRTE Research Center) - April, 25th, 2017.
• Symposium Chemistry & Biology of Peptides « Diagnostics&BMIR » coordinated by Anna Maria Papini (LCB Research Center) - April, 6th, 2017.
• Conference « Risques financiers » as part of the cycle R2S coordinated by Olivier Romain (ETIS Research Center) - June, 1st, 2017.
• 2nd Biennale of the literature of youth : « Frontières et circulations : une littérature de jeunesse européenne au XXIe siècle ? » coordinated by Anissa Belhadjin and Lydie Laroque (EMA Research Center) and Christine Mongenot (AGORA Research Center) - June, 7th et 8th, 2017.
• Workshop « La notion de démocratie en droit international » coordinated by Marie-Cloïtide Runavot (LEJEP Research Center) - June, 8th, 2017.
• International conference in mathématiques et physique théorique à l’occasion des 25 ans des laboratoires AGM et LPTM coordinated by Emmanuel Hebey (AGM Research Center) and Flowers Koukiou (LPTM Research Center) - June, 28th, 20th and 30th, 2017.
• Workshop « Médias traditionnels, SIG, séries games... Quelles influences sur la capacité d’agir des citoyens pour l’environnement ? » coordinated by Aïla Néjroud Guerre (MRTE Research Center) - June, 2017.
• Workshop « Instrumentation innovante pour la criminalistique » as part of the cycle R2S coordinated by Olivier Romain (ETIS Research Center) - June, 2017.
• Conference « Interface Properties in Organic Electronics: Key Challenges (IPOE 2017) » coordinated by Gjerji Sini and Frédéric Vidal (LPRI Research Center) and Jérôme Cornil (CMN, université de Mons, Belgique) - July, 10th, 11th, 12th & 13th, 2017.

Workshop « Electron and spin dynamics in correlated systems II » coordinated by Karol Hricovini and Christine Richter (LPMS Research Center) - November, 16th & 17th, 2017.


Workshop « Consommation d’énergie dans les systèmes reconfigurables » as part of the cycle R2S coordinated by Jordane Lorandel (ETIS Research Center) - December, 6th, 2017.

Workshop « réseau de recherche sur les discours institutionnels et politiques » as part of the cycle R2S coordinated by Julien Longhi (AGORA Research Center) - December, 6th, 2017.

Workshop « Workshop on Heterogeneity and Dynamics in Markets and Games » coordinated by Ani Guerdjikova (THEMA Research Center) - May, 25th, 2016.

Workshop « Workshop on Heterogeneity and Dynamics in Markets and Games » coordinated by Ani Guerdjikova (THEMA Research Center) - May, 26th & 27th, 2016.


Conference « Structures (build-up) des matériaux cimentaires » du Pr. A. YAHIA, université de Sherbrooke (Québec, Canada) invited by the L2MGC Research Center - June, 3rd, 2016.

Workshop « Seismic and microseismic signature of fluids in rocks: Bridging the scale gap » coordinated by Christian David (GEC Research Center) - June, 3rd, 2016.

Workshop « Enseignement de la littérature et comparaison internationale » coordinated by Marie-France Bishop (EMA Research Center) - June, 20th & 21st, 2016.

Workshop « Dynamics & transport in quantum gases » coordinated by Philippe Lecheminant (LPTM Research Center) - June, 20th to 24th, 2016.


Conference « Forms of Community » coordinated by Rémi Astruc (AGORA Research Center) - September, 15th & 16th, 2016.

Workshop « New aurorae image challenges » coordinated by Aymeric Histace (ETIS Research Center) - September 2016.

Workshop « Une nouvelle résistance : les revues contemporaines de poésie » coordinated by Corinne Blanchaud (AGORA Research Center) - October, 12th, 13th & 14th, 2016.

Conference « Plaster, culture heritage and building applications » coordinated by Yannick Mélange (L2MGC Research Center) - October, 27th, 2016.

Workshop « Scénarios de formations 2006-2016, 10 ans après » coordinated by Marie-Laure Elalouf (EMA Research Center) - November, 14th & 15th, 2016.

Workshop « Relations cellules / microenvironnement (RCM#1) » coordinated by ERRMECe Research Center - November, 16th, 2016.

Conference « Biodeterioration of stone monuments – ECBSM 2016 » coordinated by Patrick Di Martino (ERRMECe Research Center) - November, 17th & 18th, 2016.


Workshop « Electron and spin dynamics in correlated systems » coordinated by Karol Hricovini (LPMS Research Center) - November, 30th, 2016.


Workshop « Body and Touch in Robots, Brains and Babies » coordinated by Alexandre Pitti (ETIS Research Center) - December, 7th, 2016.

Workshop « Protection contre la dégradation des matériaux du patrimoine par un revêtement réalisé en graphène » coordinated by Christine Richter (LPMS Research Center) - December, 9th, 2016.