

Cergy, June 1, 2021

PRESSE RELEASE

Results of the call for projects 2021 AMBITION, TALENT and EMERGENCE Programmes

20 research projects funded under the CY Initiative of Excellence



CY Initiative will support 20 research projects for a total amount of €2M, under the 2021 call for scientific projects aiming to financially support proposals that contribute to the development of scientific excellence, and to increase the attractiveness and international visibility.

Launched last October, 44 projects were submitted by researchers and laboratories of the CY Initiative composed of CY Cergy Paris University and ESSEC.

This fifth call for proposals, launched in favour of the development of research, aims to give researchers and laboratories the means for an ambitious scientific strategy to increase their attractiveness and impact through three programmes: AMBITION, TALENT, and EMERGENCE.

On the recommendation of the evaluation committee of the call for proposals, the executive board of the CY Initiative decided, on 17 May 2021, to support 20 research projects (4 AMBITION projects, 2 TALENTS projects and 14 EMERGENCE projects) for a total amount of 2 M€. These projects cover all the scientific fields of the Initiative of Excellence: humanities and social sciences, experimental sciences, mathematics, economics, management, finance, theoretical physics, computer science.

The AMBITION programme is aimed at supporting, for a period of 4 years, ambitious research programmes led by a CY Initiative research team and which will have a significant leverage effect on the scientific dynamics, the impact and the visibility of the leading team.

The TALENT programme supports the recruitment of high potential young researchers wishing to develop their research in one of the CY Initiative research teams. It offers an attractive remuneration and working environment for a period of 3 years to researchers with between 2 and 10 years of postdoctoral experience

The EMERGENCE programme supports the development of promising research projects in order to advance research work, with a view to preparing an application for external financial support at national or European level.

The projects supported will also contribute to the development of international scientific collaborations with CY Initiative's privileged partners.

The Call for Proposals 2021 was complemented by 2 other programmes to support the internationalisation of research: the Fellows-in-Residence programme, which allows the hosting of high-level international and national researchers within the CY Advanced Studies Institute; and the EUTOPIA PhD co-tutelle programme, which aims to strengthen doctoral training in collaboration with our partners in the EUTOPIA European universities alliance.

The evaluation process

All of the supported projects were subject to an evaluation involving over 70 external experts. Each project was evaluated in 2 stages:

- individual assessment of the projects by 2 experts
- evaluation of all the projects and ranking by the evaluation committee.

The evaluation committee, chaired by Arnaud Lefranc - coordinator of the call for proposals - and composed of 7 internal CY Initiative members and 7 external members, formulated its funding proposals to the CY Initiative of Excellence Executive Board on 17 May 2021.

CY Initiative

Since February 2017, CY Initiative is a laureate of the I-Site (Initiatives Science, Innovation, Territories, Economy) initiatives of excellence of the Programme Investissement d'Avenir (PIA 2).

CY Initiative brings together CY Cergy Paris University and ESSEC Business School. These 2 institutions have joined forces in an ambitious project, aiming to strengthen their research potential and their international attractiveness in order to support the development of excellent research, fully contributing to current scientific debates and the advancement of knowledge, and capable of addressing the major societal and technological issues of our time.

Press Contacts:

CY Cergy Paris Université
Direction de la communication
Alison Bocard, Chargée des relations presse et des relations extérieures
33 boulevard du Port
95011 Cergy-Pontoise cedex
+ 33 (0)1 34 25 71 37 / + 33 (0)7 85 80 25 33
alison.bocard@cyu.fr

ESSEC Business School
Département communication et marketing
Vitaline GOMES, Responsable relations presse et relations publiques
3 Avenue Bernard Hirsch,
95021 Cergy-Pontoise Cedex
+ 33 (0) 1 34 43 30 29 / +33 (0)6 99 09 82 25
gomes@essec.edu

List of funded projects

CY Initiative Call for projects 2021

AMBITION PROGRAMME

- BRIGAUD Thierry (BIOCIS - Chemistry) - *Biomol*
- CHARLOT Olivier (THEMA - Economy) - *Thema-Tenure-Track*
- GRAVEJAT Philippe (AGM - Mathematics) - *CY Nonlinear Analysis*
- PERUANI Fernando (LPTM - Theoretical Physics) - *Collective Intelligence*

PROGRAMME TALENT

- COPELLO David (AGORA - Political Science) - *The Latin-American Connections of the European Radical Lefts*
- MAITRA Ananyo (LPTM - Theoretical Physics) - *Non-mutual interactions: Spatiotemporal structures and active functions*

PROGRAMME EMERGENCE

- BEYER Antoine (MRTE- Geography) - *Approaches logistiques des territoires transfrontaliers*
- BUI Thanh-Tuân (LPPI - Chemistry) - *Molecular conception and device integration of multi-redox materials for organic batteries and dual functional photovoltaic-battery self-rechargeable devices: on the route towards sustainable emerging energy conversion and storage technologies*
- CHEVILLON Guillaume (ESSEC Research Centre - Economics) - *Doubts and economic fluctuations*
- CRESSIOT Benjamin (LAMBE - Biology) - *Low-copy biomarker identification by nanopores: a single molecule and single cell approach*
- DOUSTALY Cécile (HERITAGES - Cultural and Area studies) - *Experiences, representations and appropriations of glocalized heritage: cultural imaginaries of high profile historical and religious sites - Notre Dame de Paris, Sintra, Coventry*
- GROS Hippolyte (PARAGRAPHÉ - Psychology) - *Cognitive load and flexibility: Fostering transfer in mathematics education*
- KRATZ Marie (ESSEC Research Centre - Statistics) - *Health and Aging in view of Life Modeling*
- KUDE Thomas (ESSEC Research Centre - Management) - *The platformization of technology education*
- LEPRETRE Rémy (GEC - Earth Sciences) - *Raman Geothermometer on low temperatures*
- MOSTAFAOUI Ghiles (ETIS - Computer Science) - *Computational modeling approach for the study of catatonia*
- PYTKOWICZ Julien (LCB/BIOCIS - Chemistry) - *New Fluorine NMR Based Methods for the Screening of Aspartic Protease inhibitors*
- RODRIGUEZ-RUIZ Violeta (ERMECCE - Bio and Chemical engineering) - *Phages & natural active compounds delivery for skin biomedical applications*
- ROLLINDE Emmanuel (LDAR - Education and didactics) - *Enacted science and mathematics education through astronomy*
- SHIRIKYAN Armen (AGM - Mathematics) - *Growth and Stabilisation in Complex Systems*