

# BRIEF

## 2019

21  
22  
March

 Celebrating 15 years  
of European Collaboration in Materials Research  
and Higher Education

### BORDEAUX REUNION OF

**IDS**  
**FUNMAT**  
International Doctoral  
School in Functional  
Materials

**EJD**  
**FUNMAT**  
European Joint  
Doctorate in  
Functional Materials



**FAME**  
**MASTER**  
Functional Advanced  
Materials and Engineering

**EMMI**  
**MATERIALS**  
European Multifunctional  
Materials Institute



IDS-FunMat and EJD-FunMat Joint Doctoral School

↳ Participants of the  
IDS-FunMat and EJD-FunMat  
Joint Doctoral School  
near Bordeaux 2016

↳ Participants of the  
Fame-Master Meeting  
Aveiro 2015



Visit our websites  
for more info

[www.emmi-materials.eu](http://www.emmi-materials.eu)  
[www.ids-funmat.org](http://www.ids-funmat.org)  
[www.fame-master.eu](http://www.fame-master.eu)

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Our sponsors and funding agencies

Erasmus Mundus / Erasmus+ / Marie Skłodowska-Curie Actions



↳ **Venue** : Bordeaux University,  
Pôle Juridique, 35 place Pey Berland  
(next to the cathedral and town hall, tram A and B)



# A brief history of EMMI and its Projects in Research and Higher Education



Research  
Projects  
in

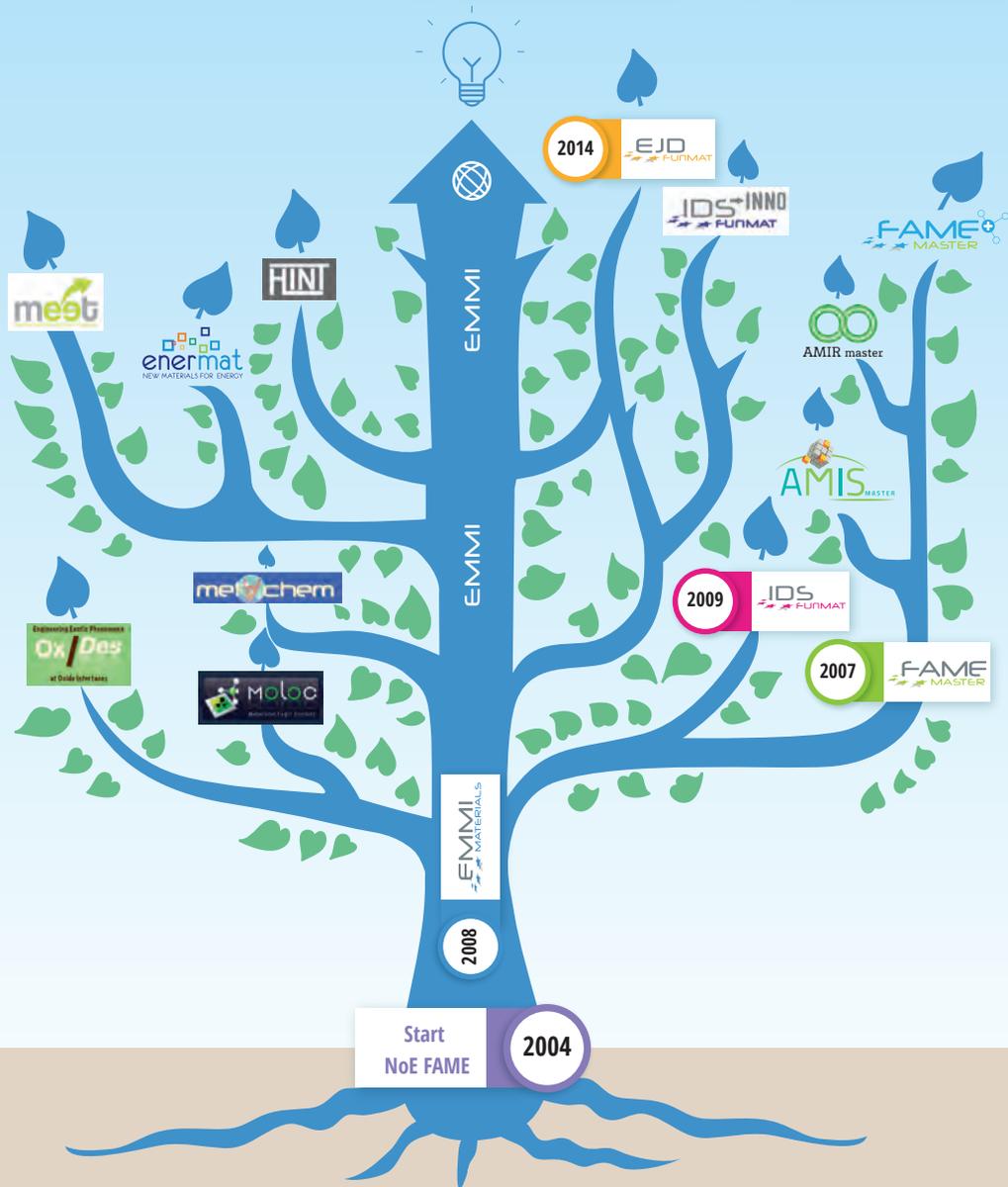
Electronic Materials  
Meta-Materials  
Energy Materials  
Hybrid Materials...

103

PhD projects  
in international  
co-supervision

270

international  
Master students  
...and counting!



Thursday **21 March** 2019



- 8h30 → Registration
- 9h00 → Welcome address
- 9h20 → Review of 15 years of Education and Research as part of European Programmes.  
Jean ETOURNEAU, EMMI Executive Director
- 10h00 → Extended coffee break with discussion/preparation of alumni panels
- 10h45 → **Alumni Panel Discussion I:** How was it for you?  
The adventure of studying in an international degree programme Master & PhD alumni,  
moderator: Roger GODFREY
- 11h45 → **Plenary Lecture 1:** Challenges of Science and Technology to Shape the Future with Responsibility,  
Rodrigo MARTINS, Uninova (PT) President of the European Academy of Sciences and First Vice-  
President of the International Union of Materials Research Societies (IUMRS)
- 12h45 → Buffet Lunch
- 14h00 → **Alumni Panel Discussion II:** What happened next?  
The value of an international degree in job search and beyond Master & PhD alumni,  
moderator: Roger GODFREY
- 15h00 → **Conclusions of Panel Discussions I and II**
- 15h30 → **Plenary Lecture 2:** Artificial Intelligence and Robotics: From Scientific Foundations to Ethical  
Issues, Raja CHATILA, Sorbonne University Paris
- 16h30 → Coffee break
- 17h00 → **Plenary Lecture 3:** Generating High-Intensity, Ultrashort Optical Pulses,  
Donna STRICKLAND, University of Waterloo, Nobel Prize in Physics 2018
- 18h00 → **According to demand:** Group discussions on future EU project proposals, and on job  
opportunities in R&D companies
- 19h30 → Bus departure to dinner
- 20h00 → Dinner at Château Luchey Halde

Friday **22 March** 2019

- 9h00 → EJD flash presentation of posters
- 9h30 → Poster Session EJD-FunMat
- 10h30 → Coffee break; discussion/preparation of materials hot topics (*see below*)
- 11h00 → **Plenary lecture 4:** Nurturing the concept of "Society 5.0". Challenges ahead,  
Yuko HARAYAMA, Professor Emeritus Tohoku University, Former Exec. Member of Council for  
Science, Technology and Innovation, Cabinet Office, Government of Japan
- 12h00 → **Materials 5.0:** Hot topics and New Ideas in Materials Science - what will be the next  
breakthrough? Moderator: Rodrigo MARTINS
- 12h25 → Wrap-up
- 12h30 → Lunch / Group discussions on future EU project proposals
- 13h45 → **Project / Board meetings:** EJD FunMat Governing & Supervisory Board, other meetings  
according to demand