



# CAETS 2017

## PROVISIONAL SCHEDULE

### Tuesday 14th November

*Escuela Técnica Superior de Ingenieros Industriales (c/ José Gutiérrez Abascal, 2 – Madrid)*

| Time          | Program          | Topic                       | Speakers  |
|---------------|------------------|-----------------------------|---|
| 08:30-09:00 h | Registration     |                             |   |
| 09:00-10:00 h | Opening ceremony | Welcome                     | <ul style="list-style-type: none"> <li>▪ <b>Authorities</b> (TBC)</li> <li>▪ <b>García Tejerina, I.</b> (Minister of Agriculture and Fisheries, Food and Environment, Spain) (TBC)</li> <li>▪ <b>Cisneros, G.</b> (Rector of the Polytechnic University of Madrid, Spain)</li> <li>▪ <b>Mínguez, E.</b> (Director of the Superior School of Industrial Engineers of Madrid, Spain)</li> <li>▪ <b>Moedas, C.</b> (European Commissioner. Research, Science and Innovation, EU) (TBC)</li> </ul>  |
|               |                  | Inaugural Speech            | <ul style="list-style-type: none"> <li>▪ <b>Hüttl, R. F.</b> (Chairman of the Board and Scientific Executive Director, GFZ German Research Centre for Geosciences, Germany): <i>Engineering and the Bio economy.</i></li> </ul>   |
| 10:00-11:30 h | Session I        | Bioeconomy: Food Security   | <ul style="list-style-type: none"> <li>▪ <b>Moderator: Romagosa, I.</b> (Professor, University of Lleida, Department of Plant Production and Forestry Science, Spain)</li> <li>▪ <b>Fresco, L. O.</b> (President of the Executive Board, Wageningen University &amp; Research, Netherlands): <i>The future of food.</i></li> <li>▪ <b>Fischer, R.A.</b> (Honorary Research Fellow, Commonwealth Scientific and Industrial Research Organisation - CSIRO, Australia): <i>Will there be enough food?.</i></li> <li>▪ <b>Guillou, M.</b> (President of the Board of Directors, Agreenium - French Agricultural, Veterinary and Forestry Institute, France): <i>From field to fork – The French model.</i></li> </ul> |
| 11:30-12:00 h | Morning break    |                             |   |
| 12:00-13:30 h | Session II       | The New Genetic Engineering | <ul style="list-style-type: none"> <li>▪ <b>Moderator: Cerdá, E.</b> (Professor Emeritus, University of Seville, Spain)</li> </ul>  |



- **Beyer, P.** *What the new genetic engineering can do for the planet.*
- **Ortega, S.** (Head of the Transgenic Mice Unit, Spanish National Research Centre - CNIO, Spain): *Of mice and men and in-between.*
- **Christou, P.** (Research Professor, Catalan Institution for Research and Advanced - ICREA, Spain): *Re-wiring plant genetic circuits - a paradigm shift from metabolic engineering to synthetic biology in plants.*

13:30-14:30 h Lunch

14:30-16:00 h **Session III** The Blue Bioeconomy

- **Moderator: Dominguez, J.** (Director of the Superior Technical School of Engineering, Spain)
- **Almås, K. A.** (Special Adviser of SINTEF Ocean, The Foundation for Scientific and Industrial Research - SINTEF, Norway)
- **Coll, M.** (Researcher, Institute of Marine Sciences - ICM, Spain)
- **Fredheim, A.** (Research Director of SINTEF Ocean, The Foundation for Scientific and Industrial Research - SINTEF, Norway)
- **Kaushik, S. J.** (European Research Area Chair, EcoAqua Institute, ULPGC, Spain)

16:30-17:30 h **General Discussion** Intergenerational debate -

17:30 h **Closure** -

20:30 h CAETS 2017 dinner



## Wednesday 15th November

Escuela Técnica Superior de Ingenieros Industriales (c/ José Gutiérrez Abascal, 2 – Madrid)

| Time          | Program                 | Topic  | Speakers  |
|---------------|-------------------------|--|---|
| 08:30-09:00 h | Registration            |  |   |
| 09:00-10:30 h | Session I               | Energy:<br>Transition to a<br>Renewable<br>Energy World                    | <ul style="list-style-type: none"> <li>▪ <b>Moderator: Domínguez, J.</b> (Professor, University of Seville, Spain)</li> <li>▪ <b>Díaz, A.R.</b> (Director C - Energy, Climate and Transport, Institute for Prospective Technological Studies, CE): <i>European strategy for smart specialization on Energy.</i></li> <li>▪ <b>Escribano, G.</b> (Head of the Energy and Climate Change Program, Elcano Royal Institute, Spain): <i>The geopolitics of renewable energies: a strategic perspective.</i></li> <li>▪ <b>Wagner, H.J.</b> (Chair for Energy Systems and Energy Management, Ruhr-Universität Bochum, Germany)</li> </ul> |
| 10:30-11:00 h | Morning break           |  |   |
|               |                         | Key Note Speech I  | ▪ <b>Sarma, S.</b> (Vice President for Open Learning, MIT Department of Mechanical Engineering, U.S.)   |
|               |                         | Key Note Speech II   | ▪ <b>Wessner, C.</b> (Professor, Global Innovation Policy Georgetown University, U.S.)  |
| 11:00-13:00 h | Broadening the vision I | Knowledge and Innovation Communities (KIC): new models to boost innovation | <ul style="list-style-type: none"> <li>▪ <b>Moderator: Zufiria, J.A.</b> (General Director of IBM Europe, Spain)</li> <li>▪ <b>Pavía, D.</b> (Chief Executive Officer of KIC InnoEnergy, The European Institute of Innovation &amp; Technology - EIT, Netherlands) &amp; <b>Lasa, M.</b> (Managing Director of KIC InnoEnergy Iberia, The European Institute of Innovation &amp; Technology - EIT, Netherlands)</li> <li>▪ <b>Hermenegildo, M.</b> (Director, IMDEA Software Institute, Spain) &amp; <b>Contreras, J.</b> (Project Strategy Mgr. &amp; CLC Manager - EIT Digital, IMDEA Software Institute, Spain)</li> </ul>       |



|               |                         |  |
|---------------|-------------------------|--|
| 12:30-13:00 h | <b>Closing speech</b>   | <ul style="list-style-type: none"> <li>▪ <b>Alvarez Pallete, J.M<sup>a</sup></b>. (Executive President of Telefónica, Spain): <i>The digital transformation as sustainable economic development driver.</i></li> </ul> |
| 13:00-14:00 h | <b>Closing ceremony</b> | CAETS President speeches <ul style="list-style-type: none"> <li>▪ <b>Dowling, D.A.</b> (CAETS Past-president / RAEng, UK)</li> <li>▪ <b>Cáceres, L.</b> (CAETS President-elect / ANI, Uruguay)</li> </ul>              |
|               |                         | Closing address by CAETS President <ul style="list-style-type: none"> <li>▪ <b>Fereres, E.</b> (CAETS President / RAI, Spain)</li> </ul>   |
| 14:00-15:00 h | Lunch                   |  |

# CAETS MADRID 2017

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