

# IMACLIM Network

## 2017 annual Workshop

To be held on **November 2<sup>nd</sup> and 3<sup>rd</sup>** at **CIREN, Nogent-sur-Marne, France**

### Focus

The focus of the workshop is threefold:

- To advance the Network of hybrid energy/economy IMACLIM models by discussing its ground principles and organisation;
- To bring together policy experts and IMACLIM modellers, with a view to update both the applied and methodological modelling agenda of IMACLIM teams;
- To bring together IMACLIM modellers to exchange on their latest developments and discuss what resources they could collectively maintain.

### Workshop programme

#### Thursday, November 2<sup>nd</sup>

- 9:00            **Welcome address**  
Franck Lecocq, CIREN
- 9:15 – 10:30   **The IMACLIM approach**  
Céline Guivarch, Julien Lefèvre, CIREN  
*Presentation of the core principles underpinning the IMACLIM take on hybrid energy/economy modelling, and their declinations in the different versions of the model: multiregional version IMACLIM-R; open economy national versions; national 2-sector 'KLEM' model kits.*
- 11:00 – 12:00   **Roundtable: The IMACLIM Network**  
Introduced and moderated by Frédéric Ghersi, CIREN  
*Discussion of what principles could govern the Network of national IMACLIM models and its organisational structure.*
- 12:00 – 13:30   *Lunch break*

- 13:30 – 16:30 **Current national and global policy processes: Experts' insights**  
 Chaired by Franck Lecocq, CIRED  
*Policy experts present the current states-of-affairs of energy transitions in their countries, including interactions with other policy issues and positioning with respect to international processes.*  
**Brazil**, Carolina Grottera, Federal University of Rio de Janeiro  
**China**, Fei Teng, Tsinghua University  
**France**, Jean-Charles Hourcade, CIRED  
**India**, Amit Garg, Indian Institute of Management, Ahmedabad,  
**Russia**, Georgy Safonov, High School of Economics Moscow  
**South Africa**, Andrew Marquard, Cape Town University  
**Saudi Arabia**, Hossa Muthairi, King Abdullah Petroleum Studies and Research Centre  
**Ireland**, Brian Ó Gallachóir, University College Cork
- 17:00 – 18:00 **Roundtable: Modelling agenda**  
 Introduced and moderated by Mériem Hamdi-Chérif, CIRED  
*The purpose of the roundtable is to translate the policy discussions of early afternoon into updated modelling agendas. It will underline the shared interest of several country-teams for specific issues to foster the creation of informal working groups.*
- 20:00 *Workshop dinner*  
**Bistrot Café Barjot - Gare de Lyon**  
**18, Avenue Ledru-Rollin**  
**75012 Paris**

## Friday, November 3<sup>rd</sup>

- 9:00 – 12:00 **Modelling advancements**  
 Moderated by Mériem Hamdi-Chérif, CIRED  
*Modellers present their latest modelling developments with a methodology focus.*  
**Brazil**, Carolina Grottera, Federal University of Rio de Janeiro  
**China**, Fei Teng, Tsinghua University  
**France**, Gaëlle Le Treut, CIRED  
**India**, Dipti Gupta, Indian Institute of Management, Ahmedabad,  
**Saudi Arabia**, Salaheddine Soummane, EDF R&D  
**South Africa**, Jules Schers, CIRED
- 12:00 – 13:30 *Lunch break*
- 13:30 – 14:15 **The data hybridisation process**  
 Introduced by Frédéric Gherzi, CIRED, moderated by Julien Lefèvre, CIRED  
*Synthesis of method and exchange of experience on data hybridisation.*
- 14:15 – 15:00 **A shared results template proposal**  
 Introduced by Jules Schers, CIRED, moderated by Julien Lefèvre, CIRED  
*Discussion on a shared template to store and communicate modelling results.*

15:00 – 16:00 **The challenge of a shared code**

Introduced by Gaëlle Le Treut, CIRED, moderated by Julien Lefèvre, CIRED

16:30 – 17:30 **Linking national to global models: the KLEM prospect**

Frédéric Gherzi, CIRED

*A presentation of the POLES-KLEM and TIAM-KLEM experiments and prospects of substituting full-fledged national models to KLEM abstraction in such architectures.*

## List of speakers

[Attendance will be restricted to additional CIRED members involved in IMACLIM modelling.]

GARG Amit	IIMA	India	via videoconferencing
GHERSI Frédéric	CIRED	France	confirmed
GROTTERA Carolina	UFRJ	Brazil	confirmed
GUIVARCH Céline	CIRED	France	confirmed
GUPTA Dipti	IIMA	India	confirmed
HAMDI-CHÉRIF Mériem	CIRED	France	confirmed
HOURCADE Jean-Charles	CIRED	France	confirmed
LECOQC Franck	CIRED	France	confirmed
LEFÈVRE Julien	CIRED	France	confirmed
LE TREUT Gaëlle	CIRED	France	confirmed
MARQUARD Andrew	ERC	South Africa	via videoconferencing
MUTAIRI Hossa	KAPSARC	Saudi Arabia	confirmed
Ó GALLACHÓIR Brian	UCC	Ireland	via videoconferencing
SCHERS Jules	CIRED	France	confirmed
SOUMMANE Salaheddine	EDF R&D	France	confirmed
TENG Fei	Tsinghua U.	China	confirmed
XI Yang	CUP	China	confirmed

# Social dinner localisation

Bistrot Café Barjot - Gare de Lyon, 18, Avenue Ledru-Rollin, 75012 Paris

