

ORGANIZING COMMITTEE

David Bailleul (USMB / Centre Antoine Favre), Franck Barruel (INES PFE), Lamia Berrah (USMB / LISTIC), Florence Besson (USMB / CNRS / LOCIE), Denys Dutykh (USMB / CNRS / LAMA), Christophe Ménézo (USMB / CNRS / LOCIE), Sébastien Monnet (USMB / LISTIC), Aude Pommeret (USMB / IREGE), Emilie Planes (USMB / CNRS / LEPMI), Ioannis Tsanakas (CEA), Monika Woloszyn (USMB / CNRS / LOCIE), Etienne Wurtz (CEA).

SUMMER SCHOOL FEES

Includes meals, coffee breaks, gala dinner, visits.

Free registration for members of the Solar Academy

Early bird fees, registration deadline: May 07, 2020

- Senior researchers (lecturers, professors): 250 € (5 days)
- Junior researchers (PhD, post-doc): 200 € (5 days)
- Master: 50€ (5 days), scholarships up on request, contact us
- Professionals: 400€ (5 days), 100€ (1 day)

Late registration fees from 300€ (5days)

REGISTRATION

Open from March 2020 : www.locie.univ-smb.fr/4sun2020/

ASSOCIATED EVENT

SP2020, June 03-05, 2020

www.sustainableplaces.eu



CONTACT

UNIVERSITY SAVOIE MONT BLANC
Solar Academy Graduate School
Polytech Annecy-Chambery,
Laboratoire LOCIE
Bâtiment Hélios, 60, rue du Lac Léman,
73370 Le Bourget du Lac, France

solar.academy@univ-smb.fr

+33 4 79 75 88 23

www.locie.univ-smb.fr/4sun2020/



SCIENTIFIC SOLAR SUMMER SCHOOL



4 SUN

June 08 - 12, 2020

Bourget-du-Lac | France

PROGRAM

**FROM SOLAR CELLS TO CITIES,
PLURIDISCIPLINARY APPROACHES**
Research, innovation and recent tools
Buildings, Data, Law, Economics...




www.locie.univ-smb.fr/4sun2020/

GENERAL CONTEXT

A 56% increase in world energy demand is expected from 2010 to 2040. Solar energy technologies may play a significant role in the energy transition, through passive applications and power generation. The challenge is to tackle issues of the climate change, population increase, energy security, water scarcity, in a context of economic growth and rising urbanization. The solar resource is abundant and diffuse, and hence particularly well suited to the building sector. Moreover, it can be a vector for growth, linking economic objectives to the emergence of future technologies. The question becomes how to transform this potential into real power generation. This is the ambition of the recently established **SOLAR ACADEMY** Graduate School at University Savoie Mont Blanc, in partnership with CNRS and CEA.

OBJECTIVES

 The **Scientific SOLAR SUMMER SCHOOL “4Sun 2020”** is the first in a series of annual educational events designed to equip young researchers and PhD candidates with a pluridisciplinary understanding of the solar energy transition from the level of solar cells up to city-scale. The 4Sun scientific school is also a valuable **networking opportunity** with participants from other countries. Our unique Solar Campus, in the beautiful foothills of the French Alps, beside the largest natural lake in the country (Lac de Bourget), is ideal setting to meet international experts and young researchers from a range of disciplines.

PROGRAM

The program comprises plenary sessions and thematic workshops. The plenaries cover the fields of **Solar Cells Technology, Building Integration, Modelling and Data Sciences, Law and Public Policies, Economics and Business models**.

The **thematic workshops**, organised in parallel sessions, will constitute in-depth classes of selected subjects. Among the topics include **Solar Contracts, Experimental Assessments of Solar Cell Performance, Experimental Assessments of Solar Panels and System Performance, Modelling of Solar Resources in Cities**, etc.

Participants are also invited to present a **poster** about their current research topic. The summer school will also include a **visit of the extended experimental platform at INES** (National Institute for Solar Energy), and rounds tables on career opportunities (Marie Curie fellowships).

FOREIGN EXPERTS (CONFIRMED)

- Matheus Bassani, Federal University of Rio Grande, Brazil
- David Martineau, SOLARONIX, Switzerland
- Victoria Timchenko, University of New South Wales, Sydney, Australia
- ...

NATIONAL EXPERTS (CONFIRMED)

- Sadok Bendkhil, Dracula Technologies, France
- Solenn Berson, Commissariat à l'Energie Atomique, France
- Romain Cariou, Commissariat à l'Energie Atomique, France
- Louis De Fontenelle, Université de Pau et des Pays de l'Adour, France
- Philippe Jacques, Université Savoie Mont Blanc, France
- Laurent Vuillon, Université Savoie Mont Blanc, France
- ...

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09h00-12h00	Opening session Plenary session	Plenary session	Plenary session	Plenary session	Plenary session
12h00-13h30	Lunch	Lunch	Lunch	Lunch	Lunch
13h30-17h30	Parallel workshop session	Parallel workshop session	INES platform visit *	Parallel workshop session	Closing session
17h30-22h00	Networking Poster Session Welcome « Aperçu »		Mountain hike * Gala Dinner		

* Exact day to be confirmed