

## ORGANIZING COMMITTEE

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

- Senior researchers (lecturers, professors): 250 € (5 days) 300€ (late registration)
- 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)

**REGISTRATION ON** [www.univ-smb.fr/solaracademy/](http://www.univ-smb.fr/solaracademy/)

Open in september

## ASSOCIATED EVENT

**SP2020**, Oct, 28-30 2020  
[www.sustainableplaces.eu](http://www.sustainableplaces.eu)



## CONTACT

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# SCIENTIFIC SOLAR SUMMER SCHOOL



October 19 - 23, 2020

~~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...*



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## 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, whilst helping to tackle issues of the climate change, population increase, energy security, water scarcity, 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 challenge is 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 of the annual events aiming to provide young researchers and doctoral candidates with pluri-disciplinary knowledge of solar energy transition at different scales: from solar cells to cities. The 4Sun scientific school is also a valuable **networking opportunity** with participants from other countries. Our unique Solar Campus, in a beautiful location at foothills of Alps and close to the biggest French natural lake (Lac de Bourget), is a perfect place to meet national and international experts and young researchers from different disciplines.

## PROGRAM

The program includes **plenary presentations form different disciplines: Solar Cells Technology, Building Integration, Modelling and Data Sciences, Law and Public Policies, Economics and Business models.**

In addition, **thematic workshops**, organised in parallel sessions will enable deepening of selected subjects. Workshops include Solar Contracts, Experimental assessments of Solar cells performance, Experimental assessments of Solar panels and systems performance, Modelling of Solar Resources in Cities, etc.

Participants are also offered a possibility to bring and present a **poster** about their current research and **to visit of the extended experimental platform at INES** (National Institute for Solar Energy). Rounds tables on career opportunities (Marie Curie fellowships will be organised).

## 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

- 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
17h30-22h00	Convivial Poster Session Welcome « Aperó »		Mountain hike * Gala Dinner		

\*Exact date to be confirmed