



ISES
International
Solar Energy
Society

**international solar academy
Solar & Energy Efficient
Renovation Strategies for
Multi-Family Housing**

Registration

- Limited places available due to practical group work
- Secure online registration available

Student ISES Member	€ 680
Student	€ 750
Professional ISES Member	€ 1100
Professional	€ 1250

Registrations before 15 May receive € 50 discount
- Fee includes lecture materials, design studio & use of PC tools, access to final proceedings, Certificate of Participation

Join ISES today and qualify for the discount. Register as a member at <http://join.ises.org>

Location & Date

- Canton School of Solothurn in Solothurn, Switzerland (accessible via Zürich, Basel, Geneva)
- Opening: Saturday 04 August 2007
- Closing: Saturday 11 August 2007

Accommodation

We have reserved several rooms at the local youth hostel and hotels of different price categories. Information available upon registration.

Organiser & Contact

International Solar Energy Society (ISES)
Wiesentalstr. 50
79115 Freiburg, Germany
Tel.: +49 (0)761 45906-54 Fax: +49 (0)761 45906-99
E-mail: solar.academy@ises.org

Scientific Co-ordination

Robert Hastings, Dipl. Arch SIA
Daniela Enz, Dipl. Arch. ETH
AEU Architecture, Energy & Environment GmbH
Bahnhofstrasse 26, Wallisellen, Switzerland
Leader of IEA SHC Task 28: Sustainable Solar Housing

In Cooperation With



swiss energy

SwissEnergy
Swiss Federal
Office of Energy



Department
for Building &
Environment,
Danube University
Krems, Austria



**4 - 11 August 2007
Solothurn, Switzerland**

www.ises.org/solaracademy2007



ISES Solar Academy 2007

The International Solar Academy is a week long practical and technical training event in English focusing on solar and low energy renovation strategies for multi-family housing. Join us for this exciting, interdisciplinary opportunity and learn about solar and low energy renovation strategies from international experts!

This event is being held in the tradition of the ISES Solar Academies. The International Solar Energy Society (ISES) launched the first global Solar Academy in 1997. Building designers and researchers present exemplary solar architecture, new technologies and design tools.

The Solar Academy consists of plenary lectures, personal tutoring in the use of planning tools and a team design studio exercise.

Participants

- Architects
- Engineers
- Building & energy consultants
- Planners & scientists
- Housing & property managers
- Students (3rd year +) & PhD students

Programme Overview

International experts, industry leaders and designers will present plenary lectures on the following topics:

Buildings

- Energy saving strategies
- Renovation for passive solar use
- High performance windows
- Heat production and distribution
- Summer comfort optimization

Solar Thermal Systems & Photovoltaics

- Overview of active solar thermal systems
- Domestic hot water and combi systems
- Storage systems
- Results from solar active simulation
- PV principles and components
- Practical advice for PV integration

Economics & Living Quality

- Economics of sustainable building renovation
- Ecology & living quality

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Design Studio

Principles and planning tools learned in the plenary lectures will be applied during a design studio. Participants will work in interdisciplinary teams on a design exercise. Experts will guide the teams in developing a concept, optimising performance and effectively presenting the results at the closing session. This event is an ideal opportunity to meet like-minded people, learn about good design, share ideas and have fun!

The PC design tools will be presented and used to optimize designs. Participants will be guided in the use and installation of different tools by the programme designers themselves!

Please bring your laptop computer!

The results of the team work will be presented at the end of the Academy. The team with the best design will receive an award.

Included Extras

- Welcome Reception
- Technical tour of solar and low energy buildings
- Informal Building Forum
- Academic credit available through Danube University Krems, Austria