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HOCHSCHULE DARMSTADT  
UNIVERSITY OF APPLIED SCIENCES

# International Summer University 2017

Energy Efficient and  
Smart Building  
Infrastructure Systems  
July 16 – August 12, 2017

### What we offer:

The International Summer University on «Energy Efficient and Smart Building Infrastructure Systems» at Hochschule Darmstadt University of Applied Sciences offers an attractive, short-term programme taught in English, focusing on smart homes, energy efficient building and construction technologies, simulation and modelling, user interactions and e-mobility. Scientific knowledge will be enhanced by practical learning with hands-on experiences during field trips to companies and public institutions with an emphasis on building automation and control and smart living. Furthermore, students will have the opportunity to establish valuable contacts, which will be important for their future careers.

To complement the classroom work, excursions to near and distant sights, cultural learning and lots of leisure activities outside the classroom are included in the programme.

### Why Darmstadt?

Darmstadt with its 150.000 inhabitants is at the heart of Europe, right within the vibrant Rhine-Main metropolitan area. It is located next to Frankfurt, the financial centre of Europe and home to the European Central Bank (25 min) and is within easy reach of France (1 hr), Switzerland (4 hrs) or The Netherlands (5 hrs).

Darmstadt has pioneered in green buildings and is known for its Passivhaus, smarthomes, and solar decathlon buildings. Moreover, Darmstadt is hometown to the "Institut Wohnen und Umwelt GmbH" (IWU), the institute for housing and environment which has, for over 40 years, been one of the leading research institutes in the field.

### The program includes:

- Academic seminars, project work and lectures taught in English
- Hands-on experiences in labs and during field trips and company visits
- Sightseeing and other cultural activities
- An international and intercultural classroom
- Instruction by professors and practitioners, engineers and experts in the field
- German language classes for beginners and advanced learners
- Participants can receive 9 ECTS-credits in total

### Participants

The programme is aimed at motivated/advanced undergrad and graduate students and young professionals from all over the world with a background in Electrical Engineering, Information Technology, Civil Engineering, Architecture, Energy Management (Business), or related disciplines.

### Program fee:

€ 1.790 (early-bird fee) for applications received by April 1, 2017

€ 1.990 for applications received after April 1, 2017  
Application deadline: May 7, 2017

### The package fee includes:

- Accommodation
- Tuition and course related activities including company visits and field trips
- Lecture material for seminars and German language classes
- Cultural and leisure activities
- Public transportation within Darmstadt
- Health, accident, and liability insurance

For more information, please visit our website:

<http://isu.h-da.de/>

### ISU-Team

#### Academic Directors

Prof. Dr.-Ing. Ingo Jeromin

E-Mail: [ingo.jeromin@h-da.de](mailto:ingo.jeromin@h-da.de)

Prof. Dr.-Ing. Carsten Zahout-Heil

E-Mail: [carsten.zahout-heil@h-da.de](mailto:carsten.zahout-heil@h-da.de)

### Program Coordinator and contact

Jessica Mayer

International Office

Email: [isu.international@h-da.de](mailto:isu.international@h-da.de)

