



International Network for  
Educational Support in Higher Education

# SUMMER SCHOOLS VIENNA

## **Advanced Topics in Modern Engineering** (Dr. tech. Dipl.-Ing. Ilya Kukushkin, Vienna UT)

Period: 06.-24.07.2015 / Workload: 45-55 teaching units / 8 ECTS credits

### **Field: Production Technology**

Level: undergraduate and graduate – Examination: project work

Content: The participants will see the trends in production technology, history of production, will learn about the profile and characteristics of a modern engineer and explore the opportunities of academic as well as industrial career for a young engineer. The program will include technical as well as soft skills topics. During the program, an excursion to the Technical Museum of Vienna and one of production plants is planned.

<http://www.innesvienna.net/summer-schools/find-your-summer-school.html?task=displaySummerSchoolDetails&programId=49>

## **Art and the City (Dr. Biljana Arandjelovic, University of Nis)**

Period: 06.-24.07.2015 / Workload: 45-55 teaching units / 8 ECTS credits

### **Field: Design and Architecture**

Level: advanced undergraduate, graduate, PhD and professional – Examination: oral and project work

Content: In this course you will be exploring the intersection between art and architecture in the city and branding cities through art and design. The course will combine lectures, excursions, slideshows and discussions on topics related to urban space, public art and branding cities. This process is accompanied by showing information about the symbiosis of art and architecture in the cities like Berlin, Graz, Beijing and Auckland. Besides, it will be discussed the work of Christo & Jeanne Claude, Richard Serra, Maya Lin, Dani Karavan, Vito Acconci, Gordon Matta Clark, Anarchitecture group, Ant Farm, Robert Smithson, Erwin Wurm, Archigram, Haus-Rucker-Co, Dan Graham, Donald Judd, Dan Flavin, Rachel Whiteread, Claes Oldenburg, Hundertwasser, Google architecture, Jonathan Borofsky, Eduardo Chillada, Peter Kogler and more.

<http://www.innesvienna.net/summer-schools/find-your-summer-school.html?task=displaySummerSchoolDetails&programId=6>

## **Austrian Architectural Culture (Prof. Caroline Jäger-Klein, Vienna UT)**

Period: 06.-24.07.2015 / Workload: 45-55 teaching units / 8 ECTS credits

### **Field: Design and Architecture**

Level: advanced undergraduate, graduate and professional- Examination: oral, project work

Content: You will be introduced into a new school of thinking under Austrian architects and researchers under weekly changing focus on ▪ Social and Cultural Specifics in Viennese Architecture 1850-1950 ▪ Sustainable Architectural Design Made in Austria ▪ Building in a Historical Context within Austria ▪ Theoretical lectures and innovative presentations ▪ Excursions to historical buildings and current building sites ▪ Visits to architectural offices, companies and research institutions ▪ lectures by internationally acclaimed experts.

<http://www.innesvienna.net/summer-schools/find-your-summer-school.html?task=displaySummerSchoolDetails&programId=43>

## Creativity and Entrepreneurship in Engineering (Ass. Prof. Zeljko Tekic, Skolktech)

Period: 06.-24.07.2014 Workload: 45-55 teaching units / 8 ECTS credits

### Field: Engineering and Management

Level: undergraduate, graduate, PhD and professional – Examination: oral and project work

Content: This summer school aims to equip students with an understanding of the process of developing creative technology-based (engineering) ideas in global and intercultural context. It focuses on combinations of engineering and business creativity, design and co-creation methods that can help students as future engineers, entrepreneurs, managers and innovators to identify opportunities and generate concepts with and for others to foster valuable innovations. Thus, students, organized in teams, will practice creative problem solving techniques, generate, evaluate and implement a novel business idea thereby gaining valuable entrepreneurial skills.

<http://www.innesvienna.net/summer-schools/find-your-summer-school.html?task=displaySummerSchoolDetails&programId=1>

## Disaster Mitigation (Dr. tech. Iris Mach, Vienna UT)

Period: 06.-17.07.2015 / Workload: 35-45 teaching units / 6 ECTS credits

### Field: Engineering and Architecture

Level: graduate, PhD and professional – Examination: oral

Content: Natural hazards are a constantly recurring threat in many countries. Although they can hardly be prevented, their destructive effects on human settlements can be essentially mitigated through constant monitoring, appropriate planning strategies and technical measures. The course aims at demonstrating the possibilities as well as limits of human control and will give an exemplary overview of potential countermeasures before, during and after the occurrence of a disaster in the fields of earthquake, fire, flood, tsunami and nuclear hazards. Besides Austria, a special focus will be on Japan considering the recent combined earthquake/tsunami/nuclear disaster in Fukushima and the Sendai area. The lectures and workshops will be complemented by excursions to a nuclear power plant, building sites and other relevant locations.

<http://www.innesvienna.net/summer-schools/find-your-summer-school.html?task=displaySummerSchoolDetails&programId=53>

## Vienna+21: The Future of Human Rights in the 21st Century (Post-Graduate Professional Joshua Cooper, University of Hawaii)

Period: 29.6.-3.7.2015 / Workload: 25-35 contact hours / 3 ECTS credits

### Field: International Human Rights

Level: undergraduate, graduate, PhD and professional – Examination: oral

Content: Vienna+21: The Future of Human Rights Movement & Global Machinery The course will cover the progressive developments since the 1993 Vienna UN World Conference on Human Rights. Participants will learn about the skills and strategies of civil society to maximize the global machinery to promote and protect human rights. Significant study will cover the important initiatives and subsequent instruments and institutions available for advocates in the UN charter and treaty bodies as well as regional mechanisms.

<http://www.innesvienna.net/summer-schools/find-your-summer-school.html?task=displaySummerSchoolDetails&programId=55>

Period: 06.-17.07.2015 / Workload: 45-55 teaching units / 8 ECTS credits

**Field: Art and Design**

Level: undergraduate, graduate, PhD and professional – Examination: project work

**Content:** The course concentrates on the essential design parameter of food and eating. Concerning the food design, this summer school will try to identify the motivation for designing food. Its structure follows the three main motivations: sensory and sensual pleasure, function and culture. Besides, it will be presented historical examples as well as contemporary food designers and their working methods. Concerning the eat design, various rules, taboos, and rituals connected to the act of eating in an intercultural relation will be introduced. It will be discussed not only national traditions and religious dietary laws, but also modern forms of austerity such as vegetarianism, veganism, freeganism, fair trade, etc. Hence, the authors will analyze the impact of migration movements and urbanisation on the act of eating and will question how it is possible that self-proclaimed "guardians of taste" and food critics are able to define and dominate the consumer and eating behaviour of whole nations. In the last step, there will be revealed the mechanisms, which exploit dining rules, as well as eating utensils, decoration, taste, disgust, and food design in order to anchor role models, hierarchies, patriarchy and even xenophobia in society. The workshop eat design explores the origins of table design objects, of behaviours and of taste. This summer school asks WHAT we eat with WHOM, WHEN, WHERE, HOW, HOW LONG, and WHY?

<http://innesvienna.net/summer-schools.html?task=displaySummerSchoolDetails&programId=60>

**International Economy and Sustainable Development**  
(Prof. Dr. Guy Fournier, Pforzheim University)

Period: 06.-17.07.2015 / Workload: 35-45 contact hours / 6 ECTS credits

**Field: Economics and Sustainable Development**

Level: undergraduate, graduate, PhD and professional – Examination: project work

**Content:** The course will clarify if the current paradigm in international economy, international finance and macroeconomic regulation is sustainable. This question will be enriched by an analysis of the impacts of changing environment on management and citizenship through the concepts of corporate social responsibility (CSR) and sustainable development. The objective of this course is to give a broad understanding of: international trade theories, the changing global economy and the globalisation debate (economic, social and ecological limits) to increase comprehension on how environment influences international economy, international management, the consumer and all the society. Besides, the necessary awareness of sustainable development and sustainable development strategies (planned obsolescence; rebound effect; circular and positive economy; efficiency, sufficiency, consistency) will be promoted. Likewise, the concept of Corporate Social Responsibility will be introduced and the business opportunities emerging from climate changes will be analyzed. Participants should be open-minded and develop critical thinking skills, work in teams and improve their communication skills in written and oral communication.

<http://innesvienna.net/summer-schools.html?task=displaySummerSchoolDetails&programId=61>

## **Urban Cultural Heritage and Interpretative Planning** (Dipl.-Ing. Silvestru Claudiu, Willem Karel Henri Derde, M.A.)

Period: 10.-21.08.2015 / Workload: 35-45 contact hours / 6 ECTS credits

### **Field: Architecture and Urban Planning**

Level: undergraduate, graduate, PhD and professional – Examination: project work

**Content:** The course consists of two parts: theoretical and practical. The theoretical part of the course will address basic parameters to be considered in the process of interpretative planning within historical urban areas, such as: the specific needs of an active local community, the urban master planning and development strategies pursued by local authorities, the existing heterogeneous urban fabric, the local and regional economic trends, the targeted typologies of visitors and intended types of tourism. It will do so by introducing the students to existing theoretical frameworks and practical tools as they are developed by international organisations such as the Council of Europe, ICOMOS, or UNESCO. In the practical part of the summer school, the participants will sketch interpretive projects and concepts to support local interventions in Groß-Enzersdorf, a developing urban area with a rich cultural heritage in the vicinity of Vienna. The challenge that the students will be faced with is how to use the heritage resources of both the town and its surroundings in order to activate their further development both spatially, economically and touristically.

<http://innesvienna.net/summer-schools.html?task=displaySummerSchoolDetails&programId=59>

## **Urban Living with Water** (Dr. Borislava Blagojevic, Prof. Dr. Ljiljana Vasilevska, University of Nis)

Period: 13.-24.07.2015 / Workload: 35-45 contact hours / 6 ECTS credits

### **Field: Engineering and Architecture**

Level: undergraduate, graduate and PhD – Examination: project work

**Content:** The course will address basic principles of stormwater management approaches in urban areas, such as Low Impact Development (LID), Sustainable Drainage Systems (SuDS), Sustainable Urban Drainage Schemes (SUDS), Water Sensitive Urban Design (WSUD), etc. Course focus will be on low-rise high density housing (LRHD) areas opportunities and limitations for stormwater management approaches implementation. As addition to basic principles and criteria for urban planning and design of LRHD areas, environmental, sanitation and climate aspects for stormwater elements and measures will be included and shown. Participants will visit a number of exemplar Vienna locations, and they will be a part of multidisciplinary team that will work on the design project at selected location in Vienna. In the project work, participants are expected to recognize and demonstrate potential, possibilities and limitations of rainwater harvesting as a part of stormwater management approach in urban design treatment of open spaces in selected LRHD area.

<http://www.innesvienna.net/summer-schools/find-your-summer-school.html?task=displaySummerSchoolDetails&programId=50>

## **Vienna Green Summer Academy (Prof. Karin Stiendorf, Vienna UT)**

Period: 06.-24.07.2015 / Workload: 45-55 contact hours / 8 ECTS credits

### **Field: Engineering and Architecture**

Level: graduate, PhD and professional - Examination: oral and project work

**Content:** Insight into hotspots of sustainable and new Austrian Design in Architecture. Weekly changing focus on ▪ Future scenarios in spatial and urban planning ▪ Planning the future: smart and sustainable buildings ▪ Do investments in renewable technology pay back and when? Ways from passive-house-standard to plus-energy-buildings ▪ Energy-efficient building envelopes and design strategies ▪ All about the thermal behavior of buildings and heat bridges ▪ Ecologically friendly materials and certificates ▪ Integration of renewable energies into planning and building concepts ▪ Models for the participation of owners in the design-process ▪ Evaluation of buildings over their

life-cycle with specific tools ▪ Lectures and workshops with leading architects and experts in green architecture ▪ Excursions to passive and plus-energy-buildings. More than 20 prominent lecturers and experts from the Vienna UT are introducing the participants in the most important aspects of energy efficient building.

<http://www.innesvienna.net/summer-schools/find-your-summer-school.html?task=displaySummerSchoolDetails&programId=44>



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# SUMMER SCHOOLS ISTANBUL

# **Building Istanbul - Then and Now (Dr.(can) Semra Horuz, Vienna UT)**

## **In Cooperation with Bilgi University Istanbul**

Period: 13.-24.07.2015 Workload: 35-45 contact hours / 6 ECTS credits

### **Field: Design and Architecture**

Level: undergraduate, graduate, PhD and professional – Examination: project work

**Content:** This course aims to create a comprehensive understanding of architectural culture of Istanbul in the last two centuries. Composed of two main blocks, the course covers the historical development of the city in form of lectures and excursions. The cumulative objective of the lectures is to focus on 19th and 20th centuries since these two centuries have brought major transformations in Istanbul; the alterations on macro and micro form, skyline, shoreline and the overall urban landscape.

The lectures will be followed by excursions deepening the understanding of the given information. Besides, there will be the chance to meet practicing architects in Istanbul in form of social events and presentations which will give the opportunity to understand the scale and problems of today.

<http://www.innesvienna.net/summer-schools/find-your-summer-school.html?task=displaySummerSchoolDetails&programId=56>

## **INTERNATIONAL SUMMER SCHOOLS**

Our interdisciplinary Summer Schools aim at stimulating intellectual and personal development in an open and diverse environment. The participants will experience the exciting combination of a high-quality academic education and a wide range of cultural and social activities. Vienna is the perfect environment for studying, applying your knowledge, and making friends and networking for your future career. INNES is well-known for its efforts to bringing together international students, academics and professionals. We aim at enhancing competencies in order to equip young people with vital skills and a positive attitude that is essential for global and sustainable problem-solving.

## **TARGET GROUP**

Summer Schools are designed for international students, academics and professionals with different backgrounds: engineering, art and design, energy and civil engineering, urbanism and business, architecture, arts, law, literature, management, culture, politics and more.

## **LANGUAGE & SESSION STRUCTURE**

The language of instruction in all Summer Schools is English. It is necessary that our participants have excellent written and oral command in English, at least at B2 level. There are about 15-20 participants in the groups.

Our academic takes place mostly in the morning. Workshops, field excursions, company visits and social events are in the afternoon as well. Weekends are free.

## **INTERNATIONAL LECTURERS**

Summer Schools are supervised by lecturers coming from international universities all over the world or experienced professionals. Lecturers and sessions are chosen upon rigorous academic criteria by an academic board of internationally qualified experts.

## **WORKLOAD & CERTIFICATE**

You can choose between one, two or three-week interdisciplinary Summer Schools consisting of lectures, workshops, in- and outdoor activities, field excursions, exercises and discussions. The program offers a minimum number of contact hours (25 – 35 - 45+). Upon completion of the course, you will receive a certificate of participation after passing the final exam successfully including the number of credits (ECTS), which you can use for transfer of credit back to your home university.

## **SOCIAL PROGRAMME**

We offer an exciting social program with site visits and excursions to complement the academic program. Other organized social events will include welcome and farewell reception, sightseeing tours, and visits to museums and historical places of interest. At the same time, you will have enough time to explore Vienna on your own or with your new friends.

## **TUITION FEE**

The tuition fee depends on the duration of the Summer School and it includes: participation fee and welcome package. All working materials are included. Social program can be booked separately upon the participants needs. Travel costs to and from Vienna and costs for meals are not included. There is a university cafeteria as well as many restaurants and supermarkets in the area around the venue.

## **ACCOMMODATION IN THE STUDENT GUEST HOUSE**

We will help you to book a completely equipped single or double room in a shared apartment in one of the centrally located, modern student hostels. You will be staying in a room with internet access.





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