

Venue

The Summer School 2019 will be held at one of the most beautiful, rich in recent history University Campuses in Germany located in Frankfurt/Main.

It will be held in the "Casino" building of the historical Goethe University Frankfurt Campus Westend.

Goethe University
Frankfurt am Main
Campus Westend
Casino building
Theodor-W.-Adorno-Platz 2
60323 Frankfurt am Main
<http://www.uni-frankfurt.de>

Organized by

Coordinator ITN CELTA Project:
TU/e - Prof. Dr. ir. Idelfonso Tafur Monroy

Summer School Host:
Goethe University Frankfurt

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Website Summer School
www.itss.education

Website ITN CELTA project
www.celta-itn.eu

**Joint ITN CELTA & TeraApps
Summer School
and**

**29th International Travelling
Summer School (ITSS) on
Microwaves and Lightwaves**

13-19 July 2019

Frankfurt am Main, Germany



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for Research & Innovation



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About CELTA/ITSS

The International Travelling Summer School (ITSS) responds to the global status of today's electronics and photonics industry. Approximately 20 European universities have organized the ITSS for the past 29 years in various locations all over Europe. In 2019, the ITSS will be held in Frankfurt am Main, Germany. It will be organized by two groups of the Goethe University: the Goethe Leibniz Terahertz Center and the Physics Institute.

The 29th ITSS will be held in conjunction with the 4th Summer School of the ITN CELTA and the 1st Summer School of the ITN TeraApps. The ITSS program consists of lectures in electronics and photonics technologies for terahertz technologies and applications. Additional hands-on training and company presentations will be provided. The program of the Summer School includes a scientific and a cultural visit.

The Summer School will tighten links among participants with teamwork and a poster session, based on teams of mixed nationalities and oriented towards the design and modelling of microwave optical devices and THz systems. At the end of the Summer School, each team will present the achieved results and the best teams will obtain a prize.

The language of the Summer School is English.

Topics

- microwave, millimetre-wave, and THz electronics
- electromagnetic waves and their propagation
- optoelectronics
- laser optics
- fiber optics
- terahertz technology and sensing
- optical and electro optical sensing and metrology
- wireless communications
- radiofrequency, THz and optical spectroscopy
- micro- and nanoelectronics
- science ethics & responsible research

Deadlines & Registration

Registration form
www.itss.education

Registration deadline
April 30th, 2019