



Center of Excellence for Technology Education

CETE Summer School 2016

Research in Technology Education: Methods, Skills and Approaches

20 – 22 June 2016, University of Duisburg-Essen

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Call for Papers

Deadline: 15 May 2016

The Center of Excellence for Technology Education-Network (CETE) is a research association, consisting of leading academic research institutions within the sector of technology and engineering education. One aim of CETE is to support the qualification of young academics in the research field of STEM education. This year CETE starts its first summer school asking young academics interested in the subject to participate in it.

We would like to invite you to this summer school in June 2016.

Call for Papers

Junior scientists in the sectors of technology and engineering education are invited to present and discuss their doctoral or master thesis at the summer school. All participants may publish their contributions in an upcoming book peer-reviewed by CETE.

Please send in an abstract (max. 3000 characters with additional bibliographical references). All participants present their theses in lectures within about 45 min while a time frame of 25 min is scheduled for presenting and 20 min for discussion.

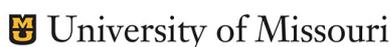
All submitted abstracts contain the following information:

- Current state of research/context
- Scientific objectives
- Research questions
- Research design and methodology
- (Results)

Please upload your abstract here: <http://summerschool.cete-net.com>

Deadline: 15 May 2016

No conference fee!





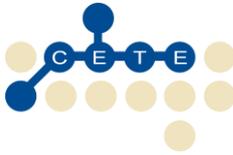
Information on CETE and its summer school

The Center of Excellence for Technology Education (CETE) is supposed to endow the nationally and internationally only little developed scientific community with more potential. Through joint research projects, Ph.D. exchanges, guest-lectures as well as international workshops and summer schools the exploration of Technology Education processes should be boost. Further, the work of excellent young academics in the research fields of technical sciences shall be supported by the network. Technology Education needs to develop competencies, promote talents and interests and hereby create positive identifications with technology in order to grant people actionability and maturity in a technology orientated world and in order to render society technological progress. Fulfilling these demands in the long run is the superior aim of the CETE network.

The CETE Summer School wants to connect cross-national as well as interdisciplinary researchers and young academics for an exchange. It opens up a research-oriented forum for the accounted research potential still growing number of junior scientists who deal with Technology and Engineering Education and its benefit and impact.

Through the interdisciplinary networking of scientists who deal with the topic area empirically research perspectives can be extended and specified and location independent cooperations can be initiated. The multidisciplinary exchange enables junior scientists to gather feedback and suggestions from different disciplinary perspectives and contributes to embedding individual projects from the fields of teaching methodology and educational sciences in the overall context of empirical educational research. By doing this the organisation supports the visibility of joint research interests and research topics. It establishes a starting position for joint evaluations and future interdisciplinary and location independent research efforts of universities.





Concept of CETE Summer School

The international summer school focus on different and individual perspective of Technology and Engineering Education.

Day 1 – Potential of Technology Education

On the first day of the summer school we want to talk about the potential of Technology Education and about the current stand of connection between education in school, science and industry. The Summer School starts with a welcoming and overview of Technology and Engineering Education. At the second half of the day it is planned to get in touch with some representatives of industry and schools. After an introduction of the representatives there will be a discussion about the interaction between education, science and industry. You are welcome to share your impression about this topic.

Day 2 – Presentation & Exchange

The second day will be a focusing on work of excellent young academics in the research fields of technical sciences. Several sessions offering the possibility for a cooperative exchange and to present research projects and ideas. The sessions take about 45 minutes, 25 to present, 20 to discuss. Use the opportunity to meet international researchers and young academics. Swap partners to get in contact with each other.

Day 3 – Methods & Approaches

The final day of the summer school will be structured in different workshops as well as a keynote talk. The workshops will deal with several methodological approaches in the field of Technology Education research e.g. innovative approaches to research in the field of Technology Education; development and research of technological based teaching materials and lessons or computer- and internet-based research within the context of Technology Education. These workshops should improve the competencies of young academics.

For more detailed information on the programme please visit our homepage: <http://summerschool.cete-net.com>.

Dates

Call for Papers	25 March 2016 – 15 May 2016
Feedback	until 30 May 2016
Registration	15 April – 15 June 2016

Venue

University of Duisburg-Essen
Universitätsstraße 2
45141 Essen
Germany

<http://www.cete-net.com>

Organisation

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