



**The Institute of Electrical and Electronics Engineers
(IEEE)
Galveston Bay Section Meeting**



August 17th, 2017 (Thursday) Luncheon Meeting

TOPIC: “Augmented Reality as a tool for technical training”

SPEAKER: Dr. Simone Keller Fächer

University Estácio de Sá-SC and Unisul University, BRAZIL

PRESENTATION:

Augmented Reality is a technology that allows the insertion of virtual elements, such as video or three-dimensional objects, in a real environment while the participant uses a mobile phone, a tablet, a personal computer or Virtual Reality Glasses. This talk discusses how technical professionals can be trained to work with a specific equipment, using this technology by means of which they can visualize, manipulate and interact with these elements, in an innovative way of training. The results of this study have showed a comparison between different software used as prototype and the impact of this experience on users.

GUEST SPEAKER:

Dr. Fächer received her undergraduate degree in Business Administration at the State University of Santa Catarina (UDESC – ESAG), and the M.S. and Ph.D. degrees in Production Engineering and Systems (EPS) at the Federal University of Santa Catarina (UFSC) Florianópolis, Santa Catarina, Brazil. She took a Master’s in Business Administration (MBA) at the State University of Santa Catarina / University of Porto. She teaches Information Systems at the University of the South of Santa Catarina (Unisul) and Digital Games and Business Administration at the University Center Estácio de Sá – Santa Catarina. At this university she became Director of the E-learning Center; member of the University Management Council (CONSUP); member of the Editorial Advisory Board of Research Seminars and member of the University Council Development Agency for Research. Dr. Fächer was Director of E-government for the state government of Santa Catarina, working on Strategic Management using IT. She has also been involved in the implementation of new Electronic Processes; as well as in the implementation of a new model of VOIP technology for communications network among public institutions and the implementation of several management systems for the government. She is a consultant in Information Technology Strategic Planning at KF Technology and Marketing. Professor Simone is a member of the *stricto sensu* Master’s Program in Information Technology and Communications at Unisul University, and her research is about Information Systems, Educational Technologies, Virtual and Augmented Reality with a focus on training and education.

Gilruth Recreation Center NASA-JSC, Discovery Room (downstairs)

Free parking. No security processing required. Easy drive in off Space Center Blvd. See website below for map.
Interested non-IEEE engineers, technicians, scientists, IEEE Members and guests alike are welcome!

12:00 PM – 1:00 PM - Program and Q&A

11:30 AM - Light Lunch with reservation (\$10.00 donation). Please RSVP Before Noon Tuesday Aug 15th, 2017

Number of lunches is limited. Please reserve early

Reservations for lunch or to attend this meeting should be made by email to:

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