

29 August to 2 September 2016

INDUSTRY MEETS ACADEMIA

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Fundamentals &amp; Trends in Microelectronics

Joint Summer School of Infineon Austria and TU Wien



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### Agenda






#### Monday, 29 August 2016

-  Transfer Vienna-Villach
-  Summer School Welcome - [Herbert Danning](#), [Karl Unterrainer](#), [Günther Wellenzohn](#) (Infineon Austria)
-  Piezoelectric MEMS - [Ulrich Schmid](#) - [Abstract]
-  Embedded Systems - [Martin Pongratz](#) - [Abstract]
-  Infineon Austria Application & Tech Track
-  [Brauhaus Villach](#)







#### Tuesday, 30 August 2016

-  PhD Talk (optional early bird track)
-  Infineon Austria tour
-  Vehicular Connectivity: G5 and 5G - [Christoph Mecklenbräuer](#) - [Abstract]
-  Advanced Analog and Optoelectronic Integrated Circuits - [Horst Zimmermann](#) - [Abstract]
-  Device Simulation - [Abstract]
-  Track 1: Guided tour Villach; Track 2: Lake visit







#### Wednesday, 31 August 2016

-  Sensors for CERN (optional early bird track) - [Abstract]
-  Mechanical Reliability of Microelectronics - [Golta Khatibi](#) - [Abstract]
-  Reliability of Electronics - [Hajdin Ceric](#) - [Abstract]
-  III-V Materials - [Gottfried Strasser](#)
-  Outdoor: Hiking Taborhöhe & Waldseilgarten

#### Thursday, 1 September 2016

-  Working at Infineon - HR (optional early bird track)
-  Infineon Austria tour
-  2D-Materials/Graphene - [Thomas Müller](#) - [Abstract]
-  High-κ Dielectrics - [Emmerich Bertagnolli](#)
-  Photonic Fabrication - [Jürgen Stampfl](#) - [Abstract]
-  Panel Discussion

#### Friday, 2 September 2016

-  Surface Analysis of Microelectronic Devices - [Herbert Hutter](#) - [Abstract]
-  Electroceramics and Voltage - [Jürgen Fleig](#) - [Abstract]
-  Basics of Corrosion - [Paul Linhardt](#) - [Abstract]
-  Electrochemical Phenomena and Methods - [Günter Fafilek](#) - [Abstract]
-  Summer School Goodbye
-  Transfer Villach-Vienna

#### Email

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#### Costs covered

Infineon Austria covers your travel expenses from Vienna and accommodation costs in Villach (half-board).

QUESTIONS? YOU ARE WELCOME!

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