



(/chii2017)

(<https://www.facebook.com/chii2017/?ref=bookmarks>) (https://twitter.com/chii2017_Graz) (<https://www.linkedin.com/groups/13509974>)



Conference on Hyperspectral Imaging in Industry

Established by the industry, for the industry

The aim of chii2017 is to act as an interdisciplinary crosslink between the stakeholder groups of hyperspectral imaging such as application engineers, instrument suppliers, R&D driven organisations and plant operators. In addition, because hyperspectral imaging is relevant in so many fields of application and significant for a variety of different user groups, it is important to design chii2017 to be a cross-sectoral conference.



(/chii2017/pages/17753-chii2017-collaboration-forum)

Join the community at the Collaboration Forum

Learn how other organisations tackle their hyperspectral imaging challenges and present your solutions.



(/chii2017/pages/17754-chii2017-hyperspectral-training)

Participate in Hyperspectral Training

Get training on spectroscopy, multivariate data analyses, hyperspectral imaging and machine learning.



(/chii2017/pages/16652-chii-talks-2017)

Thursday, 8 June, 2017

Welcome Address & Introduction

- 07:30 - 08:50** **Registration @ Conference Venue**
Minoriten Säle; Mariahilferplatz 3; 8020 Graz
- 08:50 - 08:55** **Welcome Address by Perception Park**
(Perception Park; Markus Burgstaller)
- 08:55 - 09:00** **Welcome Address by SpectroNet Collaboration Cluster**
(SpectroNet; Prof. Dr. Dietrich Hofmann)

Training for Hyperspectral Imaging

- 09:00 - 10:00** **Training 1: Imaging and Microscopy**
Prof. Dr. Herbert Schneckenburger (Aalen University)
Read more ... (<http://www.chii2017.com/chii2017/pages/16658-speakers>)
- 10:00 - 11:00** **Training 2: Chemometrics and Imaging implemented in industrial environments**
Dr. José Manuel Amigo (University of Copenhagen)
Read more ... (<http://www.chii2017.com/chii2017/pages/16658-speakers>)
- 11:00 - 11:20** Coffee break and individual networking at the exhibition
- 11:20 - 12:20** **Training 3: Hyperspectral Imaging - Problems and Solutions from a Statistical Perspective**
Prof. Dr. Hans Lohninger (Vienna University of Technology)
Read more ... (<http://www.chii2017.com/chii2017/pages/16658-speakers>)
- 12:20 - 13:20** **Training 4: Hyperspectral Imaging applied in the food industry: Instrumentation, applications and data analysis**
Dr. Karsten Heia, Dr. Kate Washburn, Dr. Martin Skjelvareid (NOFIMA)
Read more ... (<http://www.chii2017.com/chii2017/pages/16658-speakers>)
- 13:20 - 14:00** Lunch and individual networking at the exhibition
- 14:00 - 15:00** **Training 5: Snapshot Hyperspectral Imaging: Technology, promise, pitfalls**
Dr. Andy Lambrechts (IMEC)
Read more ... (<http://www.chii2017.com/chii2017/pages/16658-speakers>)
- 15:00 - 15:30** Coffee break and individual networking at the exhibition

Workshop: Photonics 4 Sorting (powered by Photonics Austria & Photonics 21)

- 15:30 - 15:40** **Welcome & Introduction**
Gerhard Peharz (Photonics Austria)
Read more ... (<https://www.chii2017.com/chii2017/pages/19931-workshop>)
- 15:40 - 15:55** **Latest solutions for lighting of in-line sorting**
Wulf Grählert (Fraunhofer IWS)
- 15:55 - 16:10** **Smart lighting design with LED booster technology**
Christian Ulrich (EcoCan)
- 16:10 - 16:25** **Line lights for VIS, NIR and SWIR**
Lorenz Diener (MTD)
- 16:25 - 16:40** **Spectrally tunable light sources for VIS/ NIR**
Daniel Spinner (Aescusoft)
- 16:40 - 16:55** **Developments on Mid-IR laser sources**
Rolf Szedlak (Vienna University of Technology)
- 16:55 - 17:10** **NIR LEDs for spectroscopic applications**
Melanie Sternecker (OSRAM)