Cluster-specific colloquia

Cluster-specific colloquia take the topics of the respective cluster as their theme. Supplementary skills beyond the skills a doctoral researcher has acquired in the specific research area of his or her cluster take center stage. Events that take place within the scope of the cluster-specific colloquia are held predominantly by external experts.

Examples of cluster-specific colloquia

2011

Clusters A/B

“The optimal definition and distribution of production, research, and development as well as logistics in the automotive industry”, January 2011, speaker: Dr. Marc Grünert, Universität Marburg

“Assessment of synergy potentials in mechanical engineering”, February 2011, speaker: Dr. T. Bauernhansl, RWTH Aachen

Cluster C

“Lean development at the example of CAD/CAM software development at TRUMPF”, January 2011, speaker: K. Saworski (Trumpf GmbH)


“Selected applications of thermal guniting in energy management”, May 2011, speaker: Dr. R. Vaßen (IEK-1, research center Jülich)

“On the percussion drilling of Si using a 20W MOPA-based YB fiber laser”, May 2011, speaker: Dr. Kun Li (University of Cambridge)

“Laser sources with single crystal fibers”, May 2011, speaker: Prof. F. Balembois (LCFIO, Paris)

“Use of DLC coatings to reduce friction in the powertrain of passenger cars”, November 2011, speaker: Dr. Schnagl (BMW AG)

Clusters D, F, H

“Growth, business & production”, February 2011, speaker: Dr. Reichel

Cluster E

“Finding similar process models”, February 2011, speaker: Jun.-Prof. Jan Mendling
“What's happening in BPM – ITPC”, May 2011

“Adaptive query processing in stratosphere”, May 2011, speaker: Prof. Johann-Christoph Freytag, Ph.D.

“Unsupervised learning in large engineering databases”, May 2011, speaker: Prof. Dr. Thomas Seidl

“Large-scale situation awareness with camera networks and multimodal sensing”, June 2011, speaker: Prof. Dr. Umakishore Ramachandran

“New IT Delivery Paradigms Day”, November 2011, IBM

2010

Clusters A/B

“Model-supported service systems engineering”, April 2010, speaker: Dr. Ralf Klein, Capco - The Capital Markets Company

“Patents, utility models, brands – commercial property rights in the industrial practice”, September 2010, speaker: Christoph Schaeffer, Fraunhofer IPA

“Patent infringement in practice”, September 2010, speaker: Dr. Bernd Drapp, Fraunhofer IAO

Cluster C

“Anisotropic behaviour of metallic materials. Advanced models”, May 2010, speaker: Prof. Dr. D. Banabic, TU Cluj-Napoca, Rumania

Potentials of plasma thin film technology”, May 2010, speaker: Dr. J. Brand

“25. Optics colloquium”, October 2010, speaker: Prof. Dr. G. Leuchs, MPI Physik des Lichts Dr. J. Leisener, ZYGO Corp., USA, Prof. Dr. M. Küchel, Carl Zeiss SMT AG

“Risks and potentials of strategic resources”, November 2010, speaker: Prof. Dr. A. Reller, Universität Augsburg

“From micro to Nano – innovative products by thin film and plasma technology”, December 2010, speaker: Dr. Suchentrunk, Eugen G. Leuze Verlag

Clusters D, F, H

“Cluster-specific colloquium aME, part 4”, January 2010, speaker, Dr. Reichel, M. Wenzelburger

“Innovation in networks”, November 2010, speaker: Prof. Burr, Prof. D. Spath, University of Stuttgart

“Limits of growth”, June 2010, speaker: Dr. Reichel
Cluster E

“Data mining and business intelligence day”, April 2010, speaker: Prof. Dr. Bernhard Mitschang, IPVS, Udo Hertz, IBM

“Enabling technologies for smarter enterprise environments”, May 2010, speaker: Prof. Dr. Manfred Hauswirth, National University of Ireland, Galway

“Human-centric BPM with WebSphere - Trends and directions”, May 2010, speaker: Gerhard Pfau, IBM Böblingen

“Services in mixed systems – models, methods, and algorithms”, June 2010, speaker: Prof. Dr. Schahram Dustdar, TU Vienna

“New IT delivery paradigms day”, November 2010, speaker: Prof. Dr. Bernhard Mitschang, IPVS, Rüdiger Stumm, IBM

Cluster G

“Manufacturing colloquium”, September 2010

“Optimal regulation of heat conduction equation”, December 2010

2009

Clusters A/B

“Wearable computing”, January 2009, speaker: Prof. Dr. Michael Lawo, Technologie Zentrum, Universität Bremen

“Smart factories – new IT applications for production: integration of MES solutions into process-leading overall systems”, January 2009, speaker: Dr. M. Adams, PSI Produktion

“The cognitive factory - production in the interplay of humans and machines”, February 2009 speaker: Dipl.-Ing. Mathey Wiesbeck, Universität München

Cluster C

“Process-oriented and in-process measurement method”, June 2009, speaker: Prof. Dr.-Ing. Gert Goch

“Photonics in mechanical engineering, 24th optics colloquium”, February 2009

“CAD-CAM processes at the example of an automotive manufacturer”, February 2009, speaker: Dr. Aren

“CFK day of Technology Stuttgart”, March 2009, speaker: Prof. Drechsler
Clusters D, F, H

“Technology management”, February 2009, speaker: Prof. D. Spath, Prof. E. Zahn, Dr. Ohlhausen, Dr. Reichel

“Strategic management of network organization”, July 2009, speaker: Prof. E. Zahn, Prof. M. Reiß, University of Stuttgart

“Innovation management at Porsche”, October 2009, speaker: R. Heismann, Porsche AG

“Cluster-specific colloquia aME, part 1”, October 2009, speaker: Dr. Reichel

“Innovations in networks”, November 2009, speaker: M. Korell, Dr. Ohlhausen

“Cluster-specific colloquia aME, part 2”, November 2009, speaker, Dr. Reichel, M. Wenzelburger

“Cluster-specific colloquia aME, part 3”, December 2009, speaker, Dr. Reichel, M. Wenzelburger

Cluster E

“Data mining seminar – IBM”, January 2009

“Foresight & research priorities for service-oriented computing”, February 2009, speaker: Prof. Papazoglou

“IP in automotive integration”, May 2009, speaker: Dr.-Ing. Daniel Herrscher, BMW

“Smart planet: Empowering people through information (integration)”, June 2009, speaker: Herr Cheng

Cluster G

“Excursion and talks at INDEX-Werke GmbH &Co.KG und HELLER GmbH”, February 2009

“CAD/CAM processes at the example of automotive manufacturers”, February 2009, speaker: Dr. M. Aner, Daimler AG

“Robot control”, June 2009, speaker: Dr. K. Groh

“Robot kinematics for thermo-kinetic coating”, July 2009

“Laser material processing – technology change and its impacts”, October 2009, speaker: Dr. Dürr

“Introduction in statistics 1 and 2”, November 2009, speaker: Dr. K. Groh

2008

Clusters A/B

“New IT applications for manufacturing: Flexible standardization and digital factory”, October 2008, speaker: Dr. B. Brinkmeier, Siemens PLM Software

“Smart factories – New IT applications for manufacturing: application of digital tools in the planning and project planning of machines and equipment for woodworking”, November 2008, speaker: Dipl.-Ing. U. Doll, Homag Holzbearbeitungssysteme AG

“Smart factories – New IT applications for manufacturing: digital factory 2.0", December 2008, speaker: Prof. Dr.-Ing. W. Schlögl

“Smart factories – New IT applications for manufacturing: behavior planning for mechatronic systems”, December 2008, speaker: Prof. Dr.-Ing. habil. W. Dangelmaier, Heinz Nixdorf Institut, Universität Paderborn

**Cluster C**

“High velocity suspension flame spraying”, November 2008, speaker: Luca Lusvarghi, PhD, Università di Modena e Reggio Emilia

“Colloquium on laser technology”, November 2008

“Suspension thermal spraying of nanostructured and sub-micrometric materials”, December 2008, speaker: Prof. Dr. Lech Pawlowski, ENSC Lille

**Clusters D, F, H**

“Technology management”, October 2008, speaker: Prof. E. Zahn, Prof. D. Spath, University of Stuttgart

**Cluster E**

“Open source middleware: opportunities & challenges”, October 2008, speaker: Sanjiva Weerawerana

**Cluster G**

“Simulation by networks at the Technical University of Cartagena”, July 2008, speaker: Prof. F. Alhama, University of Cartagena

“Industry colloquium, energy efficiency” - Best Practice, December 2008, Dürr Systems GmbH