Programme of the
6th International Summer School
„eLearning meets eScience"

08.–16.06.2013

TECHNISCHE
UNIVERSITÄT
DRESDEN

Welcome to the 6th „Education & Technology"
Summary School at Technische Universität Dresden

08.–16. June 2013

Dresden University of Technology is proud to host the 6th Education & Technology (E&T) Summer School between 08.–16. June 2013. This year the topic chosen is **„eLearning meets eScience"** due to the fact that the summer school is combined with Conference of the eScience Research Network Saxony. By that the event hopes to be a further inspiring step in the series of summer schools for Ph.D. candidates, bringing together young and experienced researchers from all over the world.

The core partnership has been developed by the European partners University of Bergen, TU Dresden, Université de Strasbourg, PHD Linz and UITM Rzeszow, now together with further partners from Indonesia (Graduate School of Yogyakarta State University) and Egypt (Suez Canal University). The aim of the preceding project „Education & Technology" was to develop, test and implement a curriculum at postgraduate level in the field of educational & technology. In order to reach that goal of qualifying and graduating Ph.D. students this trans-European network has been designed to support joint Ph.D.-degrees. The English curriculum provided by the partners of the E&T network is based on the expertise of the contributing institutions.

The programme in 2013 combines again academic training on the subjects chosen with research methodology and epistemology as well as activities around social, presentation and language skills. Overall it is expected that this will help to develop internationally competitive state of the art doctoral research projects.

Welcome to Dresden!

Saturday, 08.06.2013

	Arrivals: Check in at International Guesthouse or at IBIS-Hotel
19:30–open end	**Welcome at Student Pub "Campus"** Contact Person: Xiaohan Zhang Meeting Place: Hübnerstraße 13

Sunday, 09.06.2013

10:30–12:30	**Travel back in time to Dresden's heyday at ASISI Panometer** Contact Person: Sven Hofmann Meeting Place: ASISI Panometer Dresden (Gasanstaltstraße 8b)
15:30–17:00	**Registration & Reception, Presentation of the Programme** (Prof. Dr. Thomas Köhler) Welcome of the partnering institutions by Prof. Apollon (UiB), Prof. Marquet (US), Prof. Soenarto/Prof. Padjorno (YSU), Dr. Traxler (PHDL) Meeting Place: Department of Computer Science (Nöthnitzer Str. 46)
17:30–19:00	**Guided Tour in the Historic City of Dresden** Contact Person: Claudia Börner Meeting Place: Theatre Square/Rider Monument (Theaterplatz 2)
19:00–open end	**Welcome Dinner at the "Kurfürstenschänke"** Meeting Place: Restaurant "Kurfürstenschänke" (An der Frauenkirche 13)

Monday, 10.06.2013

Max Planck Institute, Nöthnitzer Str. 38

09:00–10:30	**Morning Lecture** (Seminarroom 1+2) Prof. Dr. Thomas Köhler eLearning meets eScience: insights into a changing academic practice
10:30–11:00	**Coffee Break**
11:00–12:45	**Presentation of the PhD Studies** **Session I** (Seminarroom 3) Chair: Prof. Dr. Daniel Apollon Presenter: Dai Nguyên Tân, Gudrun Keplinger Commentator: Beatrix Hauer, Tong Zhu **Session II** (Seminarroom 1D1) Chair: Prof. Dr Pascal Marquet Presenter: Maria Denami, Sandra Döring Commentator: Helene Bjørnestad Helgeland, Gudrun Keplinger
12:45–13:30	**Lunch Break**
13:30–15:00	**Research and Evaluation Methods Workshops** **Dr. Steffen Albrecht** (Seminarroom 3) Analysing Online Communication **Cathleen Stützer** (Seminarroom 1D1) Reflect social networks – An introduction to social network analysis
15:00–15:30	**Coffee Break**
15:30–17:30	**Media Ralley "Dresden from different Perspectives"** Contact Person: Maria Müller Starting Point: Seminarroom 1+2
17:30–open end	**Explore Dresden, Free Time** Further information see in the welcome package

Tuesday, 11.06.2013

Max Planck Institute, Nöthnitzer Str. 38

09:00–10:00	**Presentation of the PhD Studies** **Session I** (Seminarroom 2A1) Chair: Dr. Natalya Lomovtseva Presenter: Hoàng Tang Ba Commentator: Monica Roos **Session II** (Seminarroom 1D1) Chair: Dr. Bahaaeldin Mohamed Presenter: Jochen Reischl Commentator: Annegret Stark
10:00–10:30	**Opening and Welcome Network Conference eScience** (Seminarroom 1+2)
10:30–11:15	**Keynote** (Seminarroom 1+2)*:* **Cyberscience 2.0 – How Digital Social Networks Shape Scholarly Communication** René König, Institute for Technology Assessment and Systems Analysis at Karlsruhe Institute of Technology
11:15–11:30	**Coffee Break**
11:30–12:30	**Track I: Cyberscience from Sociological Perspective** (Seminarroom 1+2) Chair: René König **Dr. Steffen Albrecht** Adoption of New eScience Practices among Scholars in the Humanities and Social Sciences **Dr. Bahaaeldin Mohamed** Modeling E-Research in Academia: Towards Best Practices for Developing a Socio-technical Concept for Online Knowledge-performance
12:30–14:00	**Lunch Break**

14:00–17:00	**Track II: Cyberscience from Technological Perspective and Digital Analytics** (Seminarroom 1+2)
	Chair: Prof. Dr. Klaus Tochtermann (Director German National Library of Economics, Leibniz Information Center for Economics)
	Sander Münster Cooperation and Communication Technologies for Processing 3D-reconstruction Projects
	Jan Polowinski Set up of a Web-based RDF-Framework for a Publication- and Visualization Service
	Christoff Bürger RENEVIZ: Development of an RDFS-based Framework for Visualization of Research and Funded Projects
	Andreas Nareike The SymbolicData Project
	Oliver Arnold Variability of Process Models
	Maryam Heidari Support of Analytical Tasks based on XBRL Documents – Integrating Structured and Unstructured Data
16:00–17:30	**Explore CAVE (automatic virtual reality) at TU Dresden in two groups (group 1: 16:00, group2: 16:45)** Contact Person: Katrin Feige Meeting Place: Heidebroeck-Bau (Nöthnitzer Straße 62)
17:00–18:00	**Management Workshop** (project partners only!) Meeting Place: Max Planck Institute (Nöthnitzer Str. 38), Seminarroom 2A1
18:00–open end	**Explore Dresden, Free Time** Further information see in the welcome package

Wednesday, 12.06.2013

Max Planck Institute, Nöthnitzer Str. 38

09:00–10:30	**Track III: Big Data** (Seminarroom 1+2) Chair: Prof. Dr. Wolfgang Nagel (Director Center for Information Services and High Performance Computing, Faculty of Computer Science, TU Dresden) **Robert Dominik** in2logy-U – Usability for Ontology **Florian Rohland** in2logy-S – Systems for Ontology **Anika Groß** On^{2}Vers – Online Ontology Versioning
10:30–10:45	**Coffee Break**
10:45–12:30	**Mark Sastuba** Web 2.0-based Visual Decision Support in Complex Dynamic Data **Silke Molch** Information Sources with 4D-references **André Kleinschmidt** Context Mining From Scientific Sources **Christian Reichmann** eService Security Concept
12:30–13:30	**Lunch Break**
13:30–14:30	**Poster Session**
14:30–15:00	**Coffee Break**
15:00–18:00	**Track IV: Learning 2.0** (Seminarroom 1+2) Chair: Prof. Dr. Eric Schoop (Chair of Business Informatics, especially Information Management, Faculty of Business and Economics, TU Dresden)

	Andrea Lißner E-Portfolio as Knowledge Management Tool for Media-related Education in Teacher Training Courses
	Niels Seidel Cooperation Scripts in Video-graphic Learning Media
	Enrico Schuster User-generated Assessment in Higher Education – an Analysis taking Account of the Competitive Paradigm in Different Contexts of Teaching
	Jens Voegler Barrier-free Online Exams
	Anja Lorenz Collaboration in E-Learning Projects – a Survey of Universities in Saxony
	Jörg Unbehauen Leveraging the Creativity of the Crowd for the Creation of Rich, Deep-semantically Structured eLearning Content
18:30–open end	**Oriental Night: Joint Dinner and Social Event** Meeting Place: Yenidze Dresden (Weißeritzstraße 3)

Thursday, 13.06.2013

Max Planck Institute, Nöthnitzer Str. 38

09:00–10:30	**Morning Lecture** (Seminarroom 1) **Dr. Natalya Lomovtseva** The use of interactive multimedia in education
10:30–11:00	**Coffee Break**
11:00–12:45	**Presentation of the PhD Studies** **Session I** (Seminarroom 1D1) Chair: Dr. Petra Traxler Presenter: Monica Roos, Gerhard Brandhofer Commentator: Gerhard Brandhofer, Maria Denami **Session II** (Seminarroom 2) Chair: Dr. Helge Fischer Presenter: Michael Nader, Annegret Stark Commentator: Daniel Jung, Michael Nader
12:45–13:15	**Lunch Break**
13:15–14:30	**Research and Evaluation Methods Workshops** **Dr. Mohamed** (Seminarroom 1) Scan, Connect, Collect, Test & Perfect: Develop your own Model through Path Analysis **Dr. Neumann** (Seminarroom 2) Mobile Learning – „new" visions beside E-Learning – part II
15:00–17:00	**SLUB Guided Tour – Saxon State & University Library, Dresden Digitization Center and Deutsche Fotothek** Contact Person: Dr. Daniela Pscheida Meeting Place: SLUB Dresden (Zellescher Weg 18)
18:00–19:30	**Evening Lecture "E-Science Interfaces" at SLUB** Contact Person: Dr. Daniela Pscheida Meeting Place: SLUB Dresden (Zellescher Weg 18)
20:00–open end	**WEBbeatzz – Open Air Music and Grill** Further information see in the daily newsletter Contact Person: Annegret Stark Meeting Place: Weberplatz 5

Friday, 14.06.2013

Max Planck Institute, Nöthnitzer Str. 38

09:00–10:30	**Welcome** (Seminarroom 1+2) Vice-Rector Prof. Dr. Schaefer, Technische Universität Dresden **Morning Lecture** (Seminarroom 1+2) **Prof. Dr. Apollon** „Surpassing the human condition?" The technological modified body and the collective dance of bodies and tools.
10:30–11:00	**Coffee Break**
11:00–12:45	**Presentation of the PhD Studies** **Session I** (Seminarroom 1+2) Chair: Prof. Dr. Daniel Apollon Presenter: Helene Helgeland, Sunniva Berg, Ingrid Dyrkolbotn Commentator: Sandra Döring, Hoedah Mashoedah, Thomas Schöftner **Session II** (Seminarroom 1D1) Chair: Prof. Dr. Thomas Köhler Presenter: Rahmatul Irfan, Maria Müller, Thomas Schöftner Commentator: Hartmut Simmert, Jochen Reischl, Hoedah Maschoedah **Session III** (Seminarroom 2A1) Chair: Dr. Natalya Lomovtseva Presenter: Negla Osman, Nurhenig Yuniart Commentator: Jens Schulz, Sven Hofmann
12:45–13:30	**Lunch Break**
13:30–15:00	**Research and Evaluation Methods Workshops** **Dr. Helge Fischer** (Seminarroom 1D1) Find hidden structures in big data sets via cluster and factor analysis **Dr. Jörg Neumann** (Seminarroom 1+2) Qualitative Methods In Social Sciences – using interviews for empirical studies

15:30–17:00	**Guided Tour "Hands-on to Historic Media"** Further information see in the daily newsletter Contact Person: Jens Schulz Meeting Place: Technical Collections Dresden (Junghans-straße 1)
18:00–open end	**Nightlife in Dresden – visit "Bunte Republik Neustadt (BRN)"** Further information see in the daily newsletter Contact Person: Sandra Döring Meeting Place: tram stop „Albertplatz", tram number 3, 6, 7, 8, 11

Saturday, 15.06.2013

Auditorium Center (HSZ), Bergstraße 64

09:00–10:30	**Presentation of the PhD Studies**
	Session I (room: HSZ 204) Chair: Prof. Dr. Daniel Apollon Presenter: Maria Müller, Beatrix Hauer Commentator: Dai Nguyên Tân, Rahmatul Irfan
	Session II (room: HSZ 208) Chair: Dr. Jörg Neumann Presenter: Sven Hofmann, Regina Fechter Commentator: Hoàng Tang Ba, Xiaohan Zhang
10:30–11:00	**Coffee Break**
11:00–12:30	**Presentation of the PhD Studies**
	Session I (room: HSZ 204) Chair: Dr. Petra Traxler Presenter: Daniel Jung, Jens Schulz Commentator: Negla Osman, Sunniva Berg
	Session II (room: HSZ 208) Chair: Dr. Bahaaeldin Mohamed Presenter: Denisse Bellini, Xiaohan Zhang Commentator: Nurhenig Yuniart, Ingrid Dyrkolbotn
12:30–13:15	**Lunch Break**
13:15–14:00	**Presentation of the PhD Studies**
	Session I (room: HSZ 204) Chair: Dr. Jörg Neumann Presenter: Hartmut Simmert Commentator: Denisse Bellini
	Session II (room: HSZ 208) Chair: Prof. Dr. Thomas Köhler Presenter: Tong Zhu Commentator: Regina Fechter
14:00–15:00	**Media Ralley Award and Evaluation**
15:30–16:00	**Bus Transfer to Meißen**

16:30–18:00	**Guided Tour in the Meißen Manufactory** Further information see in the daily newsletter Contact Person: Claudia Börner
18:30–19:00	**Walk to the Albrechtsburg Castle**
19:00–21:00	**Dinner at the Romantic Hotel "Burgkeller"**
21:00–22:00	**Bus Transfer to Dresden Main Station**

Sunday, 16.06.2013

09:00–17:30	**Social Activity "Saxon Switzerland" – Mountain Hiking Trip with back pack & great view** Further information see in the daily newsletter Contact Person: Hartmut Simmert Meeting Place: Dresden Main Station (Wiener Platz 4)
18:00–open end	**Departure/Free time**