

Cumulus 2007
Conference Programme
14 - 17 June

Con ference Pro gramme

Crossing Boundaries
Transfer into / within /
from Design

Schwäbisch Gmünd
Germany

Keynote speakers

Thursday, 14 June 2007

Dr. Dr. Christian Berg, SAP Research Center, Karlsruhe
Networking sets the framework for rapid economic growth and increased mobility and trade, but also for an alarming degradation of the environment, for the depletion of resources, and for societal conflicts. Here are some of these developments and a few implications this might have for design.

Dr. Ellen Wagner, Senior Director, Worldwide E-Learning Solutions, Adobe Systems, Inc., San Jose
In today's complex world learning is seen increasingly as the catalyst for creating new knowledge across disciplines and communities of practice. Supporting learners at the point of need enables more people than ever before to engage with ideas and information, whatever media and devices they use. We explore the increasing importance of design for achieving personal and organizational value from learning, and encourage more meaningful cross-disciplinary collaborations.

Jan Teunen, Teunen Konzepte GmbH, Geisenheim
Future artists and designers can play a leading role in the re-design of society, provided, of course, that they do not adopt the fragmentary thinking common in many universities. Breaking everything up is false; it is an incoherent way of thinking. Universities face a crossroads. Boundaries must be crossed. Hear! Hear!

Friday, 15 June 2007

Prof. Dr. sc.hum.habil. Hans Peter Meinzer, German Cancer Research Center Medical and Biological Informatics, Heidelberg
The next generation of radiological software will present the real 3D/3D+t data volumes, thus facilitating diagnostics, surgery planning, and support the execution of minimally invasive surgery. While the problem of appropriate 3D visualization is solved, the difficulty of assigning pixels to entities like liver, lung, heart etc., is still challenging.

Prof Dr. Ortwin Renn, Institute for Social Sciences, University of Stuttgart
There is now worldwide consensus that the world's economies and societies are in urgent need for a sustainable path of development, but the question of how to initiate and implement such a transformation is still open. One of the main requirements for making sustainability the guiding principle of global development is trans-disciplinary cooperation among and between the sciences, humanities, and the creative arts.

Prof. Dr. Dr. Manfred Spitzer, Transfer Center for Neuroscience and Learning, Ulm
Creativity is like beauty – you don't know what it is, but when it is there you see it immediately. The brain appears to incubate problems and questions, work on them quietly and automatically, without conscious effort. This happens during sleep and dreaming, as studies demonstrate quite convincingly. The focus of brain research on creativity is only recent, and it is important that we keep going, not least because of our desire to be creative.

Saturday, 16 June 2007

Prof. Dr. Joachim Krause, Anhalt University of Applied Sciences
Designers often play minor role in the concert of economics, politics and sciences this weakness is, however, to a certain degree self made. Design has long followed both the guidelines of management philosophy and its own service ideology, and abandoned its claim to do research by experiment. A major future task of the designing disciplines could be to re-establish a true design science – identifying the most urgent problems in a globalizing society and culture.

Joyce Palmer, The Arts Institute in Bournemouth
In the UK, design education, design industry and the government are currently engaged in a unique collaborative project to identify and analyze the key factors of high value creativity and design-led innovation. The partners are discovering a common language born of years of quality assurance reviews and audits to ensure and enhance standards in design education. Has the UK defined a European model for the sustainable future of design education and the design industry in a global economy? Is the eternal triangle the ideal partnership or is government the cuckoo in the nest?

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