



AVVISO DI SEMINARI



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Dept. of Computer Science and Institute of Cognitive Science
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CALENDARIO:

CULTURES OF PARTICIPATION

MARTEDÌ 11/05 ORE 15.30 AULA MAGNA P. TERRA

META-DESIGN

MERCOLEDÌ 12/05 ORE 11.00 AULA A I PIANO

SOCIAL CREATIVITY

VENERDÌ 14/05 ORE 11.00 AULA MAGNA P. TERRA

CULTURES OF PARTICIPATION AND SOCIAL CREATIVITY

The rise in *social computing* (based on social production and mass collaboration) has facilitated a shift from *consumer cultures* (specialized in producing finished goods to be consumed passively) to *cultures of participation* (in which all people are provided with the means to participate actively in personally meaningful problems). These developments represent unique and fundamental opportunities and challenges for rethinking and reinventing design, working, learning, collaboration, and education.

Our research in the Center for LifeLong Learning & Design (L3D) explores theoretical foundations and designs, develops, and assesses socio-technical environments for this transformation. We have explored several major themes over the last decade including:

- *meta-design*, focused on “design for designers”, and aimed at defining and creating social and technical infrastructures in which new forms of collaborative learning can take place by allowing learners to become co-designers and co-developers; and
- *social creativity*, focused on transcending the individual human mind by exploiting transdisciplinary collaboration, and aimed at capturing, negotiating, and sharing a significant portion of the knowledge generated by work done within communities.

The presentation will illustrate these objectives and themes with specific examples and articulate their relevance for understanding and fostering cultures of participation.

Gerhard Fischer is a Professor of Computer Science, a Fellow of the Institute of Cognitive Science, and the Director of the Center for Lifelong Learning and Design (L3D) (<http://l3d.cs.colorado.edu/>) at the University of Colorado at Boulder. He is a member of the Computer Human Interaction (CHI) Academy and a Fellow of ACM. His research is focused on: (1) learning, working, and collaborating with new media; (2) human-computer interaction; (3) cognitive science; (4) assistive technologies; and (5) transdisciplinary collaboration and education.

Seminario per: 1) Dottorato in Informatica; 2) Progetto formativo PS_092 (DIPIS)