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# räumliches Denken - spacial thinking

Das erste „Spacial Thinking Symposium“ fand 2010 in London an der Bartlett School of Architecture statt. Die ursprüngliche Idee des Symposiums ist Verbindungen und Synergien zwischen der Architektur und Erkenntnissen aus der Neurobiologie zu finden. Das Vorstandsmitglied des Hochwaldlabors Dr. Clemens Plank nahm an der diesem Symposium teil und konnte nun dieses hochinteressante Symposium, gemeinsam mit Prof. Peg Rawes von der Bartlett School of Architecture weiterentwickeln. So werden in Innsbruck Kernfragen im Feld von Raumwahrnehmung, Architektur und Philosophie diskutiert. Eine detaillierte Beschreibung des „Spacial Thinking Symposiums“ entnehmen sie bitte dem in englisch verfassten Text, mit dem wir in der wissenschaftlichen Fachwelt unser Symposium bewerben.

Der renommierte Philosoph Prof. Dr. Thomas Metzinger ist sehr interessiert an dieser Thematik und nimmt als einer der Hauptreferenten an unserem Anlass teil. Ebenfalls erwarten wir die Architekten Robert Brown von der Universität Plymouth und Deborah Hauptmann von der Universität Delft.

Veranstaltungen zum Thema: [Symposium in Innsbruck am 9./10. November](#)

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## Spatial Thinking02

### The Subtleties of Architectural Perception

What roles do consciousness and feeling play in the experience of architectural space?

Consciousness is one of the human brain's most astounding faculties - physical matter creating the immaterial realities which we humans experience as the world. Researching consciousness is one of modern science's big challenges. Spatial Thinking02 embraces this challenge in view of architectural relevance and by addressing human consciousness inevitably needs to focus on all facets of the human mind. Clearly an exclusively scientific and materialistic approach towards an encompassing explanatory model is insufficient to explicate the complex phenomenon of the relationship between human (and self) and world. Complementing the experimental strand followed by empirical research, a philosophical school of thought aiming for a new epistemological debate has evolved. Neurophilosophy integrates neuroscientific data into its meditations and outfits its philosophical theories with empirical results.

Does neurophilosophy's approach hold value for an architectural context and what can the cognitive neurosciences contribute to architectural discourse?

Spatial Thinking02 aims to discuss both theoretical philosophies and empirical experimentations.

Our perceptive systems rely on the fluctuating reciprocity of perception and apperception,

introspective and exterospective attention, wakefulness and rest. Architectural design aims to address all facets of the perceptive spectrum.

How do automated developments elicit change in the perception of space and in which way will architecture as a discipline respond?

The rapid evolution of technology does not only determine methods available to observe and assess, but also influences and changes the relation between human user and architectural space as such by introducing a constantly growing assortment of factors and parameters.

Do technological virtualities and interactive, reactive, and responsive systems present potentials (and equally dangers) for architectural creation or does their merit merely lie in their being tools for experimentation and evaluation?

Designed as an interdisciplinary meeting of minds, Spatial Thinking02 welcomes architecturally relevant considerations from all fields of study. We especially welcome approaches which incorporate enlightenments drawn from cognitive neuroscience to illustrate unique concepts and visions.

(The potential of modern neuroscientific methods and their application to questions concerning the workings of the mind are providing fresh insight and encourage myriad concepts.)

Paper submissions are invited to present both theory and practice based novel epistemological approaches and exemplify their significance in relation to architecture.

Key note speeches will be given by a variety of scientific disciplines, each presenting aspects of spatial perception. 'Spatial Thinking02' is hosted by Gabriela Seifert, Clemens M. Plank, Fiona E. Zisch, and Gert Gschwendtner, Institut für Gestaltung.Studio2, University of Innsbruck and Hochwaldlabor, Liechtenstein.

Please send abstracts of no more than 300 words, as well as a short CV to [Fiona.Zisch@uibk.ac.at](mailto:Fiona.Zisch@uibk.ac.at)

Submission deadline for abstracts: March 15th 2012 Notification of acceptance: May 15th 2012