

Space and Digital Reality - Ideas, Representations/Applications and Fabrication, within the framework of Tallinn Architecture Biennale TAB 2019.

MARIO CARPO

The Rise of Computational Brutalism

Digitally intelligent architecture no longer looks the way it did in the 90s. Just like spline modeling and digital mass-customization upended design and fabrication twenty years ago, today robotics, Big Data, brute-force computing, and second generation Artificial Intelligence are disrupting the way things are made, the way they look - and the way of thinking what is behind them.

*Mario Carpo is currently Reyner Banham Professor of Architectural Theory and History, the Bartlett, University College London. Carpo's research and publications focus on the relationship among architectural theory, cultural history, and the history of media and information technology. His *Architecture in the Age of Printing* (2001) has been translated into several languages. His most recent books are *The Second Digital Turn: Design Beyond Intelligence* (2017), *The Alphabet and the Algorithm, a history of digital design theory* (2011) and *The Digital Turn in Architecture, 1992-2012, an AD Reader*.*