Diderot Mathematical Forum 2019: Mathematics and Architecture

Links to the videorecordings of the lectures held in Prague and the two lectures transmitted from Helsinki and Porto

Henri Achten (ČVUT v Praze): Introduction. A view on architecture
Robert Aish (University College London): The relationship between Architecture and Geometry: a more general introduction
Christopher Williams (Chalmers University of Technology): From Diderot and d'Alembert to general relativity theory viz masonry vaults
Robert Aish: Topologic: non-manifold topology for architecture and building engineering
Daniel Piker (Foster + Partners, London): Design exploration through minimisation. Part 1
Christopher Williams: From Diderot and d'Alembert to general relativity theory viz masonry vaults
Daniel Piker: Design exploration through minimisation. Part 2
Juhani Pallasmaa (Helsinki): Man, measure and proportion – mathematics, geometry and music in architecture
José Pedro Sousa (University of Porto): Calculating geometry. Experiments from practice, teaching and research