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Nota di contenuto	Intro -- Preface -- Contents -- Designing Vehicles in Changing Times -- Development of Performance-Based Seismic Design Procedures -- Information in the Design Process -- Product Modularity: A Key Concept in Life-Cycle Design -- Visualizing Aircraft Aerodynamic Design -- Virtual Reality and Augmented Reality In Aircraft Design and Manufacturing -- The Frontiers of Virtual Reality Applied to High Performance Computing and Communications -- Digitizing the Shape and Appearance of Three-Dimensional Objects -- Microelectromechanical Systems (MEMS) -- Fabrication Technology and the Challenges of Large-Scale Production -- Frontiers in MEMS Design -- Large-Market Applications of MEMS -- Cellular Materials: Structure, Properties, and Applications -- Silicon Satellites -- Novel Ceramic Ferroelectric Composites -- Co-Continuous Composite Materials from Net-Shape Displacement Reactions -- Institutional Cultures and Individual Careers -- Contributors -- Program -- Participants.

