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   Sommario/riassunto This book presents 15 tutorial lectures by leading researchers given at
                       the 11th edition of the International School on Formal Methods for the
                       Design of Computer, Communication and Software Systems, SFM 2011,
                       held in Bertinoro, Italy, in June 2011. SFM 2011 was devoted to formal
                       methods for eternal networked software systems and covered several
                       topics including formal foundations for the inter-operability of software
                       systems, application-layer and middleware-layer dynamic connector
                       synthesis, interaction behavior monitoring and learning, and quality
                       assurance of connected systems. The school was held in collaboration
                       with the researchers of the EU-funded projects CONNECT and

ETERNALS. The papers are organized into six parts: (i) architecture and interoperability, (ii) formal foundations for connectors, (iii) connector synthesis, (iv) learning and monitoring, (v) dependability assurance, and (vi) trustworthy eternal systems via evolving software.