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IBEC Institute for Bioengineering of Catalonia

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CV

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Roger Guimerà is an ICREA Research Professor at the Department of Chemical Engineering, Universitat Rovira i Virgili, Tarragona, where he co-directs the Science and Engineering of Emerging Systems Lab. He graduated in Physics at Universitat de Barcelona in 1998, and obtained a PhD in Chemical Engineering from Universitat Rovira i Virgili in 2003. He then moved to Northwestern University where he worked as a postdoctoral fellow, as a Fulbright Scholar, and as a Research Assistant Professor. In 2010, he accepted his current position as an ICREA Research Professor. Roger's research is devoted to the study of complex systems (from cells to ecosystems and societies) and, particularly, of the structure of complex networks and the interplay between network structure and dynamics. During his career, he has: (i) made methodological contributions to the study of complex networks, and (ii) used complex network analysis to gain understanding on a number of systems. His research has won him the Premi Nacional de Recerca al Talent Jove from the Catalan Government (2010), and the Erdos-Renyi Prize in Network Science from the Network Science Society (2012), and the Yong Scientist Award in Socio- and Econophysics from the German Physical Society (2014).

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