Costantino Creton graduated in Materials Science from the Ecole Polytechnique Fédérale de Lausanne (Switzerland) in 1985. He then moved on to the Materials Science and Engineering Department of Cornell University (USA) where he obtained his Ph.D in 1991. After a post-doc at the IBM Almaden Research Center (USA), he joined the Laboratoire de Physico-Chimie Structurale et Macromoléculaire of the ESPCI Paris first as a post-doctoral associate in 1993 and, since 1994 as a C.N.R.S. permanent researcher. He was promoted CNRS research director (equivalent to Professor) in 2001 in the Laboratory of Soft Matter Science and Engineering. Since 2009, he is coordinating the research activities of the Soft Polymer Networks research group of the laboratory. He also holds since 2011 the position of scientific chairman of the Performance Polymers technology area of the Dutch Polymer Institute and has been appointed in 2016, Distinguished Professor at the Global Station for Soft Matter of Hokkaido University..

He has published more than 150 articles in peer-reviewed journals, nine book chapters, more than 100 conference proceedings and has given more than 80 invited and plenary lectures at international conferences. His research interests focus on the mechanical properties of polymers at interfaces and on deformation and fracture of soft polymer networks. More information can be found in the research pages and in the website of the laboratory. He has received several prizes and awards including the Prix Dédale of the French Adhesion Society in 2007, the Wake Medal from the UK Society of Adhesion and Adhesives in 2011 and the Adhesion Society's prize for Excellence in Adhesion Science in 2013. He was also elected in 2013 fellow of the American Physical Society.