

# Preface

This volume is a collection of edited papers presented at the 15<sup>th</sup> International Conference on Fracture and Damage Mechanics (FDM2016), held in Alicante, Spain. Previous meetings were held in London, UK(1999), Milan, Italy (2001), Paderborn, Germany (2003), Mallorca, Spain (2005), Harbin, China (2006), Madeira, Portugal (2007), Seoul, Korea (2008), St. Julian's Bay, Malta (2009), Nagasaki, Japan (2010), Dubrovnik, Croatia (2011), Xian, China (2012) and Sardinia, Italy (2013), Azores, Portugal (2014) and Budva, Montenegro (2016).

The conference serves as a forum to promote and exchange latest theoretical, computation and experimental research works on fracture, damage mechanics, structural integrity and durability.

The FDM2016 covers a wide range of topics: Structural Health Monitoring, Failure analysis, Fracture Mechanics, Composites, Multiscale Modelling, Micromechanics, Structural Health Monitoring, Damage Tolerance, Corrosion, Creep, Non-linear problems, Dynamic Fracture, Residual Stress, Environmental effects, Crack Propagation, Metallic and Concrete Materials, Probabilistic Aspects, Computer Modelling Methods, Microstructural and Multiscale Aspects.

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