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Preface

Concrete Solutions series of International Conferences on Concrete Repair began in 2003 with a conference in St. Malo, France in association with INSA Rennes. Subsequent conferences have seen us partnering with the University of Padua in 2009 and with TU Dresden in 2011. This conference is being held for the first time in the UK, in association with Queen's University Belfast and brings together delegates from 36 countries to discuss the latest advances and technologies in concrete repair.

Earlier conferences were dominated by electrochemical repair, but there has been an interesting shift to more unusual methods, such as bacterial repair of concrete plus an increased focus on service life design aspects and modelling, with debate and discussion on the best techniques and the validity of existing methods. Repair of heritage structures is also growing in importance and a number of the papers have focussed on the importance of getting this is right, so that we may preserve our rich cultural heritage of historic structures.

This book is an essential reference work for those working in the concrete repair field, from Engineers to Architects and from Students to Clients.

Michael Grantham P.A. Muhammed Basheer Bryan Magee Marios Soutsos