Subject to priorities defined by the Technical Council and the Presidium, the results of fib’s work in Commissions and Task Groups are published in a continuously numbered series of technical publications called ‘Bulletins’. The following categories are used:

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<th>category</th>
<th>minimum approval procedure required prior to publication</th>
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<tr>
<td>Technical Report</td>
<td>approved by a Task Group and the Chairpersons of the Commission</td>
</tr>
<tr>
<td>State-of-Art Report</td>
<td>approved by a Commission</td>
</tr>
<tr>
<td>Manual, Guide (to good practice) or Recommendation</td>
<td>approved by the Technical Council of fib</td>
</tr>
<tr>
<td>Model Code</td>
<td>approved by the General Assembly of fib</td>
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Any publication not having met the above requirements will be clearly identified as preliminary draft.

This Bulletin N° 57 is a collection of individual contributions to a workshop. Their content is believed to be of general interest to fib members and especially helpful in the finalization of the new Model Code; therefore the fib Presidium decided to publish these contributions as a Technical Report in fib’s series of Bulletins.

On behalf of Task Group 4.2 (convener: V. Sigrist, TU Hamburg-Harburg, Germany) and Commission 4 (chair: S. Foster, Univ. of New South Wales, Australia), the workshop was organized and the papers edited by F. Minelli and G. Plizzari (Univ. of Brescia, Italy).

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Cover image: Shear test on a 1.5 m deep beam containing 50 kg/m$^3$ of steel fibers. Experiment carried out at the University of Brescia in July 2010.

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