Reviewer's form for thesis evaluation

1. Identification of the student

Student: JOSEPH ROMEO MATEO DIÑO
Thesis: Numerical investigation of the robustness of extended end-plate bolted beam-to-column joints subjected to column removal
Institution: University of Napoli Federico II
Academic year: 2016/2017

2. Identification of the reviewer

Name: Attilio De Martino
Institution: University of Napoli Federico II
Position: Full Professor

3. Fulfillment of thesis goals

excellent □ above aver. X average □ below aver. □ weak □

Comments: The work presented in this thesis fulfilled the expected objectives. The results are very interesting

4. Academic/scientific/technical quality

excellent □ above aver. X average □ below aver. □ weak □

Comments: The research activity developed in this thesis is well organized and well carried out. The candidate carried out comprehensive parametric finite element analyses on the behavior of stiffened joints under column loss. The Candidate investigated the influence of transverse beams on the joint robustness. The results are interesting.
5. Formal arrangement of the thesis and level of language

<table>
<thead>
<tr>
<th>excellent</th>
<th>average</th>
<th>below aver.</th>
<th>weak</th>
</tr>
</thead>
</table>

Comments: The thesis is well written and well organized.

6. Further comments

For future extension of the work it is suggested to validate analytical models on the basis of the obtained finite element results.

7. Grade: B (very good)

Use the following scale

<table>
<thead>
<tr>
<th>A (excellent)</th>
<th>B (very good)</th>
<th>C (good)</th>
<th>D (satisfactory)</th>
<th>E (sufficient)</th>
<th>F (fail)</th>
</tr>
</thead>
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Place Napoli
14 February 2017

The Reviewer

Signature