### PhD Advisor form

**Name of the advisor:** Jacek Chróścielewski  
**Academic title:** PhD Eng. Professor  
**Orcid ID number:** https://orcid.org/0000-0002-7648-2785

**Department of Mechanics of Materials and Structures**  
**Faculty of Civil and Environmental Engineering**  
**Gdańsk University of Technology**

**Phone:** 48 58 347 18 91  
**E-mail:** jchrost@pg.edu.pl

**Personal web page:**

**Discipline:** civil engineering and transport

**Bibliometric indicators**

<table>
<thead>
<tr>
<th></th>
<th>Number of journal publications in WoS/Scopus</th>
<th>54/72</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Citations (WoS/Scopus) excluding self-citations</td>
<td>310/500</td>
</tr>
<tr>
<td>3</td>
<td>Hirsch index (WoS/Scopus)</td>
<td>12/14</td>
</tr>
<tr>
<td>4</td>
<td>Hirsch index in Google Scholar</td>
<td>19</td>
</tr>
<tr>
<td>5</td>
<td>Citations in Google Scholar</td>
<td>1308</td>
</tr>
</tbody>
</table>

1. **The number of PhD students who have graduated under your supervision:** 6  
2. **The number of PhD students currently supervised:** 1 (1 with open procedure)  
3. **Are you currently accepting new PhD students:**  
   a. **Polish** Yes  
   b. **Foreign** No
**Research interests or topics offered for PhD research (no more than 2000 characters)**

The proposed research for a PhD candidate concerns modelling studies of bridges as well as other civil/mechanical structures. The research topics include numerical of car crash with road and bridge barriers, including aspects of human safety. Application of FEM to study biomechanics of human knee or hip. The PhD thesis may be also related to diagnostics of engineering structures and structural elements supplemented by numerical analysis conducted with finite element method.

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**Funding or special equipment needed to carry out a PhD project**:

1. Is funding available for experimental work: not needed
2. Is the equipment needed to complete a PhD project available in your lab/department: not needed

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**Most recent publications in WoS/SCOPUS journal – no more than 5 published after 1.01.2017**

<table>
<thead>
<tr>
<th>No</th>
<th>Authors/title/journal</th>
<th>Journal IF/Quartile – for WoS and SNIP/CiteScore for SCOPUS</th>
<th>Publication year</th>
</tr>
</thead>
</table>
PhD Advisor form


Most recent externally funded projects you were involved in – no more than 3

<table>
<thead>
<tr>
<th>No</th>
<th>Project title, the name of the Principal Investigator (PI) and the institution the project was carried out</th>
<th>Year awarded</th>
<th>Role in the project</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>“Road Safety Equipment” research project (contract number DZP/RID-I-67/13/NCBR/2016) National Centre for Research and Development (NCBiR) and General Director for National Roads and Motorways (GDDKiA), Poland, Krzysztof Wilde</td>
<td>2016</td>
<td>co-PI</td>
</tr>
<tr>
<td>2.</td>
<td>Formulation and numerical implementation of constitutive equations of irreversible deformations in the framework of the nonlinear 6-parameter shell theory, 2015/17/B/ST8/02190, National Science Centre, Poland, Wojciech Witkowski</td>
<td>2016</td>
<td>co-PI</td>
</tr>
</tbody>
</table>
### PhD Advisor form

| 3. | Opracowanie kompozytowych przęseł mostów dla pieszych do zastosowania nad drogami GP, NCBiR, PBS/B2/6/2013, Jacek Chróścielewski | 2013 | PI |

**Additional relevant information – (no more than 1600 charters)**

... (...

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1. You may select up to two disciplines out of 12 disciplines represented in the Doctoral School
2. Observe the limit of not more than 300 words
3. Leave only one answer
4. Add any other relevant information eg. awards for PHD students whom you supervised (no more than 200 words)