Overview.

- Is a compilation of country specific good practices in terms of interactions of ISTQB® stakeholders with academia.

- This version of the Dossier has inputs and/ representation from 10 Member Boards and a compilation of certain key Global initiatives. More representations are being sought and proposed to be compiled in following versions of the Dossier.

- The Dossier offers possibilities for other countries to adapt and adopt these good practices, and a platform to collaborate as well.

- This is only a compilation based on what was reported by the participants. ISTQB® has not necessarily verified these and is reproducing what was reported, in good faith. ISTQB® does not take responsibility for the accuracy of such content reported.

- Good practices have been *summarized*. For more details, pl.contact the respective Member Board contact referenced in the Dossier cc yaron.tsubery@istqb.org ritendra.banerjee@istqb.org and mcquaid@istqb.org
Canada.

<table>
<thead>
<tr>
<th>Website</th>
<th><a href="http://cstb.ca/">http://cstb.ca/</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Academia Committee Contact</td>
<td>Sarah Savoy <a href="mailto:sarah.savoy@istqb.org">sarah.savoy@istqb.org</a></td>
</tr>
</tbody>
</table>

**Good practices**

1. How to attempt creating a syllabus from local experiences, working with a global partner (in this case BMM Test Labs) that could have global appeal for ISTQB®
3. Continue to track programs such as [http://www.nserc-crsng.gc.ca/Professors-Professeurs/RPP-PP/Connect-Connexion_eng.asp](http://www.nserc-crsng.gc.ca/Professors-Professeurs/RPP-PP/Connect-Connexion_eng.asp)

**Appendix**

1. Proposal presentation for a Game Tester Specialist Certification that was made to ISTQB®
Czech Republic and Slovakia.

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<tr>
<th>Website</th>
<th><a href="http://castb.org/">http://castb.org/</a></th>
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<tbody>
<tr>
<td>Academia Committee Contact</td>
<td>Miroslav Bures <a href="mailto:miroslav.bures@istqb.org">miroslav.bures@istqb.org</a> (for both Czech Republic and on interim basis for Slovakia)</td>
</tr>
</tbody>
</table>

**Good practices**

1. Ongoing explorations for teaching and research related collaborations, with likes of Czech Technical University in Prague; leveraging ISTQB® for unifying elements of teaching, terminology and baseline standards
3. Plan for free ISTQB certifications for the best students of testing subjects – looking for CZ industry sponsor

**Appendix**

1. ICITCS 2016 Innovative Methods in Software Testing
Finland.

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<tr>
<th>Website</th>
<th><a href="http://www.fistb.fi/en/frontpage">http://www.fistb.fi/en/frontpage</a></th>
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<tbody>
<tr>
<td>Academia Committee Contact</td>
<td>Säilynoja Petri</td>
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<tr>
<td></td>
<td><a href="mailto:petri.sailynoja@istqb.org">petri.sailynoja@istqb.org</a></td>
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**Good practices**

1. Organizes Testing Assembly seminars and cooperates with universities in the area of testing by granting awards and guest lecturing. This is in line with a stated mission of advancing software testing and testers as a profession through different means.
2. Explorations continue with University of Applied Sciences
3. A Software Quality Assurance and Testing related Thesis competition is being evaluated.
4. Conference attendance free for ISTQB® Foundation level graduates; speaker materials made available as well.

**Appendix**

1. Testing Assembly downloads, a rich repository is available at http://testingassembly.fistb.fi/downloads
## Hungary

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<tr>
<th>Website</th>
<th><a href="http://www.hstqb.com">www.hstqb.com</a></th>
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<tbody>
<tr>
<td>Academia Committee Contact</td>
<td>Árpád Beszédes <a href="mailto:arpad.beszedes@istqb.org">arpad.beszedes@istqb.org</a></td>
</tr>
</tbody>
</table>

### Good practices

1. Offers sponsorship to students (BSc., MSc., Phd.) for attending international testing conferences in testing, software quality and requirements engineering; attended UCAAT in 2015; leverages academia in selecting such students.
2. Free access to students for HUSTEF (Hungarian Software Testing Forum).
3. Student discounts for ISTQB® exams.
5. Partner program’s focus on research and daily practices in software testing.

### Appendix

1. Global academia conference tracker
2. Summary ppt.
India.

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<tr>
<th>Website</th>
<th><a href="http://www.istqb.in">www.istqb.in</a></th>
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<tr>
<td>Academia</td>
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<tr>
<td>Committee</td>
<td></td>
</tr>
<tr>
<td>Contact</td>
<td>Vipul Kocher <a href="mailto:kocher@istqb.org">kocher@istqb.org</a></td>
</tr>
</tbody>
</table>

**Good practices**

1. Facilitates student apprenticeship and internship through industry affiliates; supports Centre of Excellence initiatives in academic institutions focussed on testing [http://www.itsecgn.edu.in/enewsjuly15/coe/coe.html](http://www.itsecgn.edu.in/enewsjuly15/coe/coe.html)

2. Leverages [www.saltuniv.com](http://www.saltuniv.com) to foster academic research and practices; such as a MooC for software testers that also involved a Swiss firm and a German University.

3. Encourages academic and research participation in flagship event of the Board [http://www.stepinforum.org](http://www.stepinforum.org)’s Asia-Pac’s largest testing conference; monthly Tester meets across India.

**Appendix**


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<th><a href="http://www.itcb.org.il/">http://www.itcb.org.il/</a></th>
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<tbody>
<tr>
<td>Academia Committee Contact</td>
<td>Dani Almog  <a href="mailto:dani.almog@istqb.org">dani.almog@istqb.org</a></td>
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<table>
<thead>
<tr>
<th>Good practices</th>
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<tbody>
<tr>
<td>1. Facilitates Academia Industry Software Quality and Testing Conferences such as <a href="http://www.sce.ac.il/aistq16/">http://www.sce.ac.il/aistq16/</a> with significant representation of academia including ISTQB® stakeholders from other countries <a href="http://www.sce.ac.il/aistq16/?cmd=committees.106">http://www.sce.ac.il/aistq16/?cmd=committees.106</a></td>
</tr>
<tr>
<td>2. Extensively leverages globally reputed academia and their partner programs <a href="http://www.sce.ac.il/aistq16/?cmd=contributors">http://www.sce.ac.il/aistq16/?cmd=contributors</a></td>
</tr>
<tr>
<td>3. A Who is Who Directory is being explored for compilation for Phd s. in testing; leaders of Polish Testing Board involved in ideation.</td>
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<tr>
<td>4. About 1000 students in under grad and grad being targeted for sponsorships and progression into further research.</td>
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<th>Appendix</th>
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<tr>
<td>1. Template for mapping researches being led by Dani</td>
</tr>
</tbody>
</table>
### Website
- [http://pstb.pk/](http://pstb.pk/)

### Academia Committee Contact
- Dr. Uzair Khan  
  [uzair.khan@istqb.org](mailto:uzair.khan@istqb.org)

### Good practices
1. Significant representation in Board from academia (Phd.s) and complementing bodies such as IEEE. 3-4 top universities are being targeted for higher education courses.
2. [http://www.questlab.pk](http://www.questlab.pk) continues to be a key fulcrum in research work for Quality, Model based testing; Game testing, mobile applications, product/s, automotive are some of the research areas of interest. Over 46 companies form a target ecosystem that is being influenced to advise academia on current and emerging needs and trends. Applied research scholarships supported by industry is being explored.
3. Monthly software testers meets are a good meeting point.

### Appendix
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<tbody>
<tr>
<td><strong>Academia Committee Contact</strong></td>
<td>Dr. Lucjan Stapp  <a href="mailto:lucjan.stapp@istqb.org">lucjan.stapp@istqb.org</a></td>
</tr>
</tbody>
</table>
| **Good practices** | 1. Undergraduate, graduate and post graduate courses prevail, latter having around 150-170 students on an average studying Software Testing at colleges in Warszawa, Gdansk, Krakow, Wroclaw. Academic programs leverage ISTQB® Foundation, Agile. Both, a lucrative job and building a career in testing drive interest in testing courses.  
2. Authors of the best graduate projects have possibility to present their papers in the Board’s conferences.  
3. Proposed evaluation of a global community of academicians within and outside ISTQB®, including publishing a PhD. directory. Continue to learn from other Boards such as Israel.  
4. Continue interactions with likes of Schedae Informaticae. |
| **Appendix** | 1. Notes on Post Graduate Studies in Testing@ Poland |
### Portugal.

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<th>Website</th>
<th><a href="http://www.pstqb.pt">http://www.pstqb.pt</a></th>
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<tbody>
<tr>
<td>Academia Committee Contact</td>
<td>Filipe Nuno Carlos, <a href="mailto:filipe.carlos@istqb.org">filipe.carlos@istqb.org</a></td>
</tr>
</tbody>
</table>

**Good practices**

1. Have defined a protocol with academia.
2. Students are encouraged to intern with the Board’s associated companies.
3. Leverage professors with industry linkages; e.g. one who teaches Software Quality at the graduate level and is also associated with ALTRAN’s near shore center helps bridge demand-supply gap.
4. Academia offered special conditions, such as access to Foundation level syllabus, training courses at lower prices.
5. Students offered 50% discount for ISTQB® exam.
6. White papers, co-branding with ISTQB® for same proposed.

**Appendix**

1. Initial, working Notes on academia
**South East European Testing Board.**  
(Bulgaria, Romania, Serbia and Montenegro and is in cooperation with associations in Macedonia, Turkey and Greece)

**Website**  
[http://www.seetb.org](http://www.seetb.org)

**Academia Committee Contact**  
Mitko Mitev  
mitko.mitev@istqb.org

**Good practices**

   • Over 6% of readers are students.

2. Offers [http://seetest.org](http://seetest.org) as a leading conference platform in the region to bring the ecosystem together, including enhancing thinking and sharing research good practices.  
   • Students get 10% discount.


**Appendix**  
NA
STEP, Memphis

http://www.memphis.edu/step/research/research_resources.php

Workforce capability enhancement in QA and Testing could be of mutual interest

Key champions
- Dani Almog, ISTQB
- Yaron Tsubery, ISTQB
- Ritendra Banerjee, ISTQB
- Robin Poston, STEP
COST Action
http://www.cost.eu/

With network of 12 universities, a proposal has been made to EC, focused on development of more efficient SW testing methods; ISTQB® Academia as one of possible channels to synergize and extend the research network, when EC gives funding to this Action.

Key champions
- Prague - Czech Technical University – Miroslav Bureš
- Prague – University of Economics – Michal Dolezel and Alena Buchalcevova
- Brno city - Petr Neugebauer (CaSTB)
Thank You!