



Good Practices Dossier

Team Academia: Partnerships


December 2016

Overview.

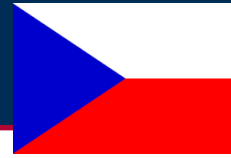


- Is a compilation of country specific good practices in terms of interactions of ISTQB® stakeholders with academia.
- This version of the Dossier has inputs and/ representation from 10 Member Boards and a compilation of certain key Global initiatives. More representations are being sought and proposed 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 aron.tsubery@istqb.org ritendra.banerjee@istqb.org and mcquaid@istqb.org



Website	http://cstb.ca/
Academia Committee Contact	<p>Sarah Savoy sarah.savoy@istqb.org</p>
Good practices	<ol style="list-style-type: none"> 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® 2. Syllabus co-creation for Game Testers with BMM Test Labs http://bmm.com/ powered by academia and research insights. 3. Continue to track programs such as http://www.nserc-crsng.gc.ca/Professors-Professeurs/RPP-PP/Connect-Connexion_eng.asp
Appendix	<ol style="list-style-type: none"> 1. Proposal presentation for a Game Tester Specialist Certification that was made to ISTQB® <div style="text-align: right;">  <small>Microsoft Office PowerPoint Presentation</small> </div>

Czech Republic and Slovakia.



Website	http://castb.org/
Academia Committee Contact	Miroslav Bureš miroslav.bures@istqb.org (for both Czech Republic and on interim basis for Slovakia)
Good practices	<ol style="list-style-type: none">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 standards2. Participation in conferences such as http://czechtest.com/ (already in ISTQB®'s conference network) and https://sites.google.com/site/icitcs2016softwaretesting/ now part of ISTQB®'s academia conference network http://www.istqb.org/special-initiatives/istqb-conference-network-2istqb-conference-network-academia.html3. Plan for free ISTQB certifications for the best students of testing subjects – looking for CZ industry sponsor
Appendix	<ol style="list-style-type: none">1. ICITCS 2016 Innovative Methods in Software Testing



Finland.



Website	http://www.fistb.fi/en/frontpage
Academia Committee Contact	Säilynoja Petri petri.sailynoja@istqb.org
Good practices	<ol style="list-style-type: none">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.Explorations continue with University of Applied SciencesA Software Quality Assurance and Testing related Thesis competition is being evaluated.Conference attendance free for ISTQB® Foundation level graduates; speaker materials made available as well.
Appendix	<ol style="list-style-type: none">Testing Assembly downloads, a rich repository is available at http://testingassembly.fistb.fi/downloads



Website	www.hstqb.com
Academia Committee Contact	Árpád Beszédes arpad.beszedes@istqb.org
Good practices	<ol style="list-style-type: none">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.Free access to students for HUSTEF (Hungarian Software Testing Forum).Student discounts for ISTQB® exams.Continue to track and target participation in global academic conferences; e.g. Beszédes, and Vidács,'s Academic Industrial Software Testing paper at http://www2016.taicpart.org/Partner program's focus on research and daily practices in software testing.
Appendix	<ol style="list-style-type: none">Global academia conference tracker Summary ppt. 

India.



Website	www.istqb.in
Academia Committee Contact	Vipul Kocher kocher@istqb.org
Good practices	<ol style="list-style-type: none">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.htmlLeverages 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.Encourages academic and research participation in flagship event of the Board http://www.stepinform.org/ Asia-Pac's largest testing conference; monthly Tester meets across India.
Appendix	<ol style="list-style-type: none">White Paper's repository http://www.stepinform.org/2012-03-26-11-42-19/white-paperCo-authored ASQ paper with Prof.Patricia McQuaid http://asq.org/pub/sqp/past/vol18_issue1/index.html

Israel.



Website	http://www.itcb.org.il/
Academia Committee Contact	Dani Almog dani.almog@istqb.org
Good practices	<ol style="list-style-type: none">1. Facilitates Academia Industry Software Quality and Testing Conferences such as http://www.sce.ac.il/aistq16/ with significant representation of academia including ISTQB® stakeholders from other countries http://www.sce.ac.il/aistq16/?cmd=committees.1062. Extensively leverages globally reputed academia and their partner programs http://www.sce.ac.il/aistq16/?cmd=contributors3. A Who is Who Directory is being explored for compilation for Phd s. in testing; leaders of Polish Testing Board involved in ideation.4. About 1000 students in under grad and grad being targeted for sponsorships and progression into further research.
Appendix	<ol style="list-style-type: none">1. Template for mapping researches being led by Dani






Website	http://pstb.pk/
Academia Committee Contact	Dr.Uzair Khan uzair.khan@istqb.org
Good practices	<ol style="list-style-type: none"> 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 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	<ol style="list-style-type: none"> 1. Leading annual conferences include likes of www.inmic.org, http://fit.edu.pk/, http://www.icet-2015.org/


Poland.



Website	http://sjsi.org/
Academia Committee Contact	Dr. Lucjan Stapp lucjan.stapp@istqb.org
Good practices	<ol style="list-style-type: none">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	<ol style="list-style-type: none">1. Notes on Post Graduate Studies in Testing@ Poland 

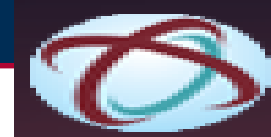
Portugal.



Website	http://www.pstqb.pt
Academia Committee Contact	Filipe Nuno Carlos filipe.carlos@istqb.org
Good practices	<ol style="list-style-type: none">1. Have defined a protocol with academia.2. Students are encouraged to intern with the Board's associated companies3. 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	<ol style="list-style-type: none">1. Initial, working Notes on academia  Adobe Acrobat Document2. Indicative program https://sigarra.up.pt/feup/pt/ucurr_geral.ficha_uc_view?pv_ocorrencia_id=281299

South East European Testing Board.

(Bulgaria, Romania, Serbia and Montenegro and is in cooperation with associations in Macedonia, Turkey and Greece)



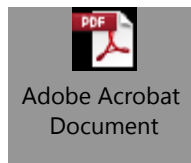
Website	http://www.seetb.org
Academia Committee Contact	Mitko Mitev mitko.mitev@istqb.org
Good practices	<ol style="list-style-type: none">1. Offers a publication that maybe available for adoption by academic stakeholders http://www.quality-matters.org/<ul style="list-style-type: none">• Over 6% of readers are students.2. Offers http://seetest.org as a leading conference platform in the region to bring the ecosystem together, including enhancing thinking and sharing research good practices.<ul style="list-style-type: none">• Students get 10% discount.3. Offers syllabi for download at http://www.seetb.org/index.php?page=downloads
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 Buchalceva**
- **Brno city - Petr Neugebauer (CaSTB)**



Thank You!