



**Submission Data for 2017 CORE conference Re-ranking process
International Conference on the Quality of Information and Communications Technology**

Submitted by: Fernando Brito e Abreu fba@iscte.pt

Supported by: Fernando Brito e Abreu

Conference Details

Conference

Title: International Conference on the Quality of Information and Communications Technology
Acronym: QUATIC

Requested Rank

Requested Rank: B

Requested For Codes

For1: 0803

For2: 0806

For3:

Recent Years

Most Recent Year

Year: 2016

URL: <http://2016.quatic.org>

Papers submitted: 72

Papers published: 7

Acceptance rate: 10

Source for acceptance rate: <https://www.easychair.org/conferences/?conf=quatic2016>

Program Chairs

<p>Name: Marjan Mernik Affiliation: University of Maribor, Slovenia H index: 33 Google Scholar URL: https://scholar.google.com/citations?user=oq1syvMAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/m/Mernik:Marjan</p>
<p>Name: Jordi Cabot Affiliation: Universitat Oberta de Catalunya, Spain H index: 30 Google Scholar URL: https://scholar.google.com/citations?user=LaGRXwkAAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/c/Cabot:Jordi</p>
<p>Name: Eduardo Miranda Affiliation: Carnegie Mellon University, United States of America H index: 9 Google Scholar URL: https://scholar.google.com/citations?user=1aoOTPIAAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/m/Miranda:Eduardo</p>
<p>Name: João M. Fernandes Affiliation: U.Minho, Portugal H index: 22 Google Scholar URL: https://scholar.google.com/citations?user=ihkCeUgAAAAAJ DBLP URL: <a "="" href="http://dblp.uni-trier.de/pers/hd/f/Fernandes:Jo=atilde=o_M=">http://dblp.uni-trier.de/pers/hd/f/Fernandes:Jo=atilde=o_M=</p>
<p>Name: Gianluca Mezzetti Affiliation: Aarhus University, Denmark H index: 5 Google Scholar URL: https://scholar.google.com/citations?user=HQ1KIQkAAAAAJ&hl=en DBLP URL: http://dblp.uni-trier.de/pers/hd/m/Mezzetti:Gianluca</p>
<p>Name: Sheila Reinehr Affiliation: Pontifícia Universidade Católica do Paraná, Brazil H index: 10 Google Scholar URL: https://scholar.google.com/citations?user=JRTfA6EAAAAAJ DBLP URL: <a "="" href="http://dblp.uni-trier.de/pers/hd/r/Reinehr:Sheila_S=">http://dblp.uni-trier.de/pers/hd/r/Reinehr:Sheila_S=</p>
<p>Name: Fernando Brito e Abreu Affiliation: ISCTE-IUL, Portugal H index: 23 Google Scholar URL: https://scholar.google.com/citations?user=CCTG0awAAAAAJ DBLP URL: http://dblp.uni-trier.de/search?q=fernando%20brito%20e%20abreu</p>
<p>Name: Monica Wachowicz Affiliation: University of New Brunswick, Canada H index: 24 Google Scholar URL: https://scholar.google.com/citations?user=yVczQVsAAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/w/Wachowicz:Monica</p>
<p>Name: Maribel Y. Santos Affiliation: Universidade do Minho, Portugal H index: 16 Google Scholar URL: https://scholar.google.com/citations?user=wmG-Ok0AAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/s/Santos:Maribel_Yasmina</p>
<p>Name: Marion Lepmets Affiliation: Dundalk Institute of Technology, Ireland H index: 10 Google Scholar URL: https://scholar.google.com/citations?user=69M-TGgAAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/l/Lepmets:Marion</p>
<p>Name: Natalia Kryvinska Affiliation: University of Wien, Austria H index: 17 Google Scholar URL: https://scholar.google.com/citations?user=HJtnSAkAAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/k/Kryvinska:Natalia</p>

General Chairs

<p>Name: Mark Paulk Affiliation: University of Texas in Dallas, United States of America H index: 24 Google Scholar URL: https://scholar.google.pt/scholar?q=MC+Paulk DBLP URL: http://dblp.uni-trier.de/pers/hd/p/Paulk:Mark_C=</p>
<p>Name: Ricardo J. Machado Affiliation: Universidade do Minho, Portugal H index: 17 Google Scholar URL: https://scholar.google.pt/citations?user=B5o2fegAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/m/Machado:Ricardo_J=</p>

Second Most Recent Year

Year: 2014

URL: <http://2014.quatic.org>

Papers submitted: 72

Papers published: 12

Acceptance rate: 17

Source for acceptance rate: <https://www.easychair.org/conferences/?conf=quatic2014>

Program Chairs

<p>Name: Alberto Rodrigues da Silva Affiliation: IST-UL, Portugal H index: 20 Google Scholar URL: https://scholar.google.com/citations?user=wKnmYTYAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/s/Silva:Ant=oaacute=nio_Manuel_Ferreira_Rito_da</p>
<p>Name: António Rito Silva Affiliation: IST-UL, Portugal H index: 18 Google Scholar URL: https://scholar.google.com/citations?user=wKnmYTYAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/s/Silva:Ant=oaacute=nio_Manuel_Ferreira_Rito_da</p>
<p>Name: Guilherme Horta Travassos Affiliation: COPPE/UFRJ, Brazil H index: 35 Google Scholar URL: https://scholar.google.com/citations?user=hn4LDmkAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/t/Travassos:Guilherme_Horta</p>
<p>Name: Fernando Brito e Abreu Affiliation: ISCTE-IUL & CITI/FCT/UNL, Portugal H index: 23 Google Scholar URL: https://scholar.google.com/citations?user=CCTGOawAAAAJ DBLP URL: http://dblp.uni-trier.de/search?q=fernando%20brito%20e%20abreu</p>
<p>Name: Marion Lepmets Affiliation: Dundalk Institute of Technology, Ireland H index: 10 Google Scholar URL: https://scholar.google.com/citations?user=69M-TGgAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/l/Lepmets:Marion</p>
<p>Name: Maristella Matera Affiliation: Politecnico di Milano - DEIB, Italy H index: 19 Google Scholar URL: https://scholar.google.com/citations?user=mEASLgCAAAAJ DBLP URL: http://dblp.uni-trier.de/search?q=Maristella+Matera</p>
<p>Name: Marjan Mernik Affiliation: University of Maribor, Slovenia H index: 33 Google Scholar URL: https://scholar.google.com/citations?user=oq1syvMAAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/m/Mernik:Marjan</p>
<p>Name: Eda Marchetti Affiliation: ISTI-CNR, Italy H index: 14 Google Scholar URL: https://scholar.google.pt/scholar?q=Eda+Marchetti DBLP URL: http://dblp.uni-trier.de/pers/hd/m/Marchetti:Eda</p>
<p>Name: Panagiotis Sfetsos Affiliation: Alexander Technological Educational Institution, Greece H index: 6 Google Scholar URL: https://scholar.google.pt/citations?user=I9jYwx4AAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/s/Sfetsos:Panagiotis</p>

General Chairs

Name: Ricardo J. Machado
Affiliation: Universidade do Minho, Portugal
H index: 17
Google Scholar URL: <https://scholar.google.pt/citations?user=B5o2fegAAAAJ>
DBLP URL: http://dblp.uni-trier.de/pers/hd/m/Machado:Ricardo_J=

Third Most Recent Year

Year: 2012
URL: <http://2012.quatic.org>
Papers submitted: 80
Papers published: 11
Acceptance rate: 14
Source for acceptance rate: <https://www.easychair.org/conferences/?conf=quatic2012>

Program Chairs

Name: Eric Dubois
Affiliation: Luxembourg Institute of Science & Technology, Luxembourg
H index: 24
Google Scholar URL: <https://scholar.google.com/citations?user=9Lk6-s8AAAAJ>
DBLP URL: http://dblp.uni-trier.de/pers/hd/d/Dubois_0001:Eric

Name: João Pascoal Faria
Affiliation: FEUP, Portugal
H index: 13
Google Scholar URL: <https://scholar.google.com/citations?user=osCQrkQAAAAJ>
DBLP URL: http://dblp.uni-trier.de/search?q=Jo%C3%A3o%20Pascoal%20Faria%20author%3AJo%C3%A3o_Pascoal_Faria%3A

Name: Ana Cristina Paiva
Affiliation: FEUP, Portugal
H index: 17
Google Scholar URL: <https://scholar.google.com/citations?user=gkpFe5sAAAAJ>
DBLP URL: http://dblp.uni-trier.de/pers/hd/p/Paiva:Ana_C=_R=

Name: Tiago L. Alves
Affiliation: OutSystems, Portugal
H index: 9
Google Scholar URL: <https://scholar.google.com/citations?user=onqMsHYAAAAJ>
DBLP URL: http://dblp.uni-trier.de/pers/hd/a/Alves:Tiago_L=

Name: Vasco Amaral
Affiliation: FCT-UNL, Portugal
H index: 19
Google Scholar URL: <https://scholar.google.com/citations?user=p6lbgbAAAAAJ>
DBLP URL: <http://dblp.uni-trier.de/pers/hd/a/Amaral:Vasco>

Name: Silvia Abrahão
Affiliation: Universidad Politécnica de Valencia, Spain
H index: 23
Google Scholar URL: <https://scholar.google.com/citations?user=LM27ZsEAAAAJ>
DBLP URL: http://dblp.uni-trier.de/pers/hd/a/Abrah=atilde=o:Silvia_Mara

Name: Eda Marchetti
Affiliation: ISTI-CNR, Italy
H index: 14
Google Scholar URL: <https://scholar.google.pt/scholar?q=Eda+Marchetti>
DBLP URL: <http://dblp.uni-trier.de/pers/hd/m/Marchetti:Eda>

Name: Panagiotis Sfetsos
Affiliation: Alexander Technological Educational Institution, Greece
H index: 6
Google Scholar URL: <https://scholar.google.pt/citations?user=I9jYwx4AAAAJ>
DBLP URL: <http://dblp.uni-trier.de/pers/hd/s/Sfetsos:Panagiotis>

Name: Keith Jeffery
Affiliation: Science and Technology Facilities Council, United Kingdom
H index: 15
Google Scholar URL: https://scholar.google.pt/scholar?q=Keith+Jeffery&btnG=&hl=pt-PT&as_sdt=0%2C5
DBLP URL: http://dblp.uni-trier.de/pers/hd/j/Jeffery:Keith_G=

General Chairs

Name: Alberto Rodrigues da Silva Affiliation: IST-UL, Portugal H index: 20 Google Scholar URL: https://scholar.google.com/citations?user=wKnmYTYAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/s/Silva:Ant=oaacute=nio_Manuel_Ferreira_Rito_da
Name: António Rito Silva Affiliation: IST-UL, Portugal H index: 18 Google Scholar URL: https://scholar.google.com/citations?user=wKnmYTYAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/s/Silva:Ant=oaacute=nio_Manuel_Ferreira_Rito_da

External Ranks

Google Scholar Rank

Sub-category URL: https://scholar.google.com.au/citations?view_op=top_venues&hl=en&vq=eng_qualityreliability
Position in sub-category: 20+
h5-index of 20th item in subcategory: 15
h5-index of this conference: 12
Next conference above portal link: None
h5-index of above conference: None
Next conference below portal link: None
h5-index of below conference: None

LiveSHINE rank

Class: other
H-index: 16
RankH-index: 813
Avg citations: 8
RankAvgCitations: 574
ClassAvgCitations: other
Publications: 152
Citations: 1203

Microsoft Academic rank

Class: other
FiledRating: 14
RankFieldRating: 1038
ClassFieldRating: other
Avg citations: 3
RankAvgCitations: 1024
ClassAvgCitations: other
Publications: 371
Citations: 1141

Where others publish

General Report

File: http://portal.core.edu.au/core/media/conf_rank_report/ConferencesVsExpertsCORE_d2qSukf.txt
List of people with h-indices:

No.	Name	h index	url
1	Barbara Ann Kitchenham	65	https://scholar.google.com.au/citations?user=CQD0m2gAAAAJ
2	Lionel Briand	70	https://scholar.google.com.au/citations?user=Zj897NoAAAAJ
3	Jean-Marc Jezequel	49	https://scholar.google.com.au/citations?user=DZ5_Gw4AAAAJ
4	Andrea De Lucia	50	https://scholar.google.com.au/citations?user=iyx0u6kAAAAJ
5	Jean Vanderdonckt	53	https://scholar.google.com.au/citations?user=U-FgGrkAAAAJ
6	Jeff Offutt	59	https://scholar.google.pt/citations?user=fAeRp3kAAAAJ
7	Paolo Giorgini	50	https://scholar.google.com.au/citations?user=ulB0WtkAAAAJ
8	Klaus Pohl	46	https://scholar.google.com.au/citations?user=LONCDwsAAAAJ
9	Bashar Nuseibeh	51	https://scholar.google.com.au/citations?user=aUQ809gAAAAJ
10	Mario Piattini	55	https://scholar.google.pt/citations?user=M91TyJcAAAAJ
11	Claes Wohlin	53	https://scholar.google.com.au/citations?user=gGLdjasAAAAJ
12	Andreas Zeller	52	https://scholar.google.com.au/citations?user=-Qytr_YAAAAJ
13	Elaine Weyuker	49	https://scholar.google.com.au/citations?user=xXjQoLIAAAAJ
14	Mark Harman	67	https://scholar.google.com.au/citations?user=IwSN8IgAAAAJ
15	Jeff Kramer	65	https://scholar.google.com.au/citations?user=t-fuDjMAAAAAJ
16	Martin Shepperd	47	https://scholar.google.com.au/citations?user=VqZsDvUAAAAJ
17	Roel Wieringa	47	https://scholar.google.com.au/citations?user=iipNiVIAAAAAJ
18	Paolo Tonella	48	https://scholar.google.com.au/citations?user=6n3gAUMAAAAJ
19	Sven Apel	47	https://scholar.google.com.au/citations?user=_4ssMloAAAAJ
20	Atif Memon	49	https://scholar.google.com.au/citations?user=jJPSj0IAAAAAJ
21	Tao Xie	56	https://scholar.google.pt/citations?user=DhhH9J4AAAAJ
22	Harald C. Gall	45	https://scholar.google.com/citations?user=kXX_FYoAAAAJ
23	Lin Liu	41	https://scholar.google.com/citations?user=0-SZSzgAAAAJ

Keyword: software quality OR software process improvement OR empirical software engineering OR software reliability OR software testing OR model driven engineering OR requirements engineering OR agile software development

Reference Item:

147. International COnference on the Quality of Information and Communications Technology (QUATIC)

This conference was published at 5 times by 1 of 21 experts in the last 15 years.

The experts that publish at this conference are: Mario Piattini(5)

In 2001, there were 2 publications by 1 experts: Mario Piattini

In 2004, there were 2 publications by 1 experts: Mario Piattini

In 2007, there were 1 publications by 1 experts: Mario Piattini

1 out of the 21 experts published at this conference in 3 or more years

Specialised Report

File: http://portal.core.edu.au/core/media/conf_rank_report/ConferencesVsExperts_OSMH1HX.txt

List of people with h-indices:

No.	Name	h index	url
1	Ahmed Hassan	55	https://scholar.google.com/citations?user=9hwXx34AAAAAJ
2	Massimiliano Di Penta	54	https://scholar.google.com/citations?user=j6ucy0AAAAAJ
3	Bertrand Meyer	51	https://scholar.google.com/citations?user=W8n0gCwAAAAAJ
4	Mario Piattini	55	https://scholar.google.com/citations?user=M91TyJcAAAAAJ
5	Gustavo Rossi	40	https://scholar.google.com/citations?user=qqgXKN8AAAAAJ
6	Alessandro Garcia	41	https://scholar.google.com/citations?user=rP1LYboAAAAAJ
7	Andrian Marcus	44	https://scholar.google.com/citations?user=ZZiaPdYAAAAAJ
8	Atif Memon	49	https://scholar.google.com/citations?user=jJPSj0IAAAAAAJ
9	Eric Yu	53	https://scholar.google.com/citations?user=c360REEAAAAAJ
10	Jean Vanderdonck	53	https://scholar.google.com/citations?user=U-FgGrkAAAAAJ
11	Thomas Zimmermann	51	https://scholar.google.com/citations?user=5zvbpooAAAAAJ
12	Bernhard Rumpe	51	https://scholar.google.com/citations?user=nED1C7QAAAAAJ
13	Brian Fitzgerald	48	https://scholar.google.com/citations?user=siD3m68AAAAAJ
14	Luciano Baresi	44	https://scholar.google.com/citations?user=xvzzSFgAAAAAJ
15	Emilia Mendes	40	https://scholar.google.com/citations?user=Mz4IbXgAAAAAJ
16	Piero Fraternali	40	https://scholar.google.com/citations?user=IhFm8bIAAAAAAJ
17	Richard F. Paige	40	https://scholar.google.com/citations?user=HzFjuyUAAAAAJ
18	Tore Dybå	40	https://scholar.google.com/citations?user=sA-TGysAAAAAJ
19	Gerard B. M. Heuvelink	46	https://scholar.google.com/citations?user=yWcOKokAAAAAJ
20	Mohamed F. Mokbel	47	https://scholar.google.com/citations?user=GHZ1ZVIAAAAAAJ

Keyword:

Reference Item:

60. International Conference on the Quality of Information and Communications Technology (QUATIC)

This conference was published at 6 times by 3 of 23 experts in the last 15 years.

The experts that publish at this conference are: Mario Piattini(5), Emilia Mendes(1), Gustavo Rossi(1)

In 2001, there were 2 publications by 1 experts: Mario Piattini

In 2004, there were 2 publications by 1 experts: Mario Piattini

In 2007, there were 1 publications by 2 experts: Mario Piattini, Emilia Mendes

In 2010, there were 1 publications by 1 experts: Gustavo Rossi

3 out of the 23 experts published at this conference in 1 or more years

1 out of the 23 experts published at this conference in 3 or more years

Note: the name of the conference was truncated in the report

Comparator Conferences

European SPI

Product Focused Software Process Improvement

Software Process Improvement and Capability Determination

Other Information

Proposers

First name: Fernando

Last name: Brito e Abreu

Affiliation: Instituto Universitário de Lisboa (ISCTE-IUL)

Email: fba@iscte-iul.pt

Attachments

N/A

Summary Argument:

INTRODUCTION

The International Conference on the Quality of Information and Communications Technology (QUATIC), now preparing its 11th edition (<http://2018.quatic.org>), under the scientific supervision of Antonia Bertolino (PC Chair), is a

biennial forum for disseminating advanced methods, techniques and tools for supporting quality approaches to ICT engineering and management.

The QUATIC review process includes two steps. In the former, a candidate paper is submitted to one among a set of Thematic Tracks, each corresponding to a specific topic of interest chosen for each edition. In this step, papers are reviewed by a very specialized PC of each Thematic Track, invited by the corresponding Chair. The authors of the best papers accepted in each Thematic Track are then invited to submit extended versions for presentation in the Main Track. The latter are reviewed again, now by the conference Program Chairs.

RANKING HANDICAP

QUATIC has a handicap when it comes to conference rankings, since it is biennial, while the clear majority of conferences are annual. Take, for instance, the Google Scholar rank for venues, that is based on the h-index over the last 5 years. In that period, a biennial conference will have only 2 or 3 editions, against the 5 editions of an annual conference. Since the h-index is strongly impacted by the number of published papers, comparing conferences of similar size and similar quality with different periodicities is a biased and unfair exercise. Still, QUATIC is ranked in a superior position regarding the 5 years h-index, to the set of "comparator" conferences (ranked CORE A or B), that were chosen because they are very similar in terms of scope and dimension, as described in the next section.

COMPARATOR CONFERENCES

For scientific fairness, since many studies point out how the application domain influences several aspects such as venues acceptance ratios and their scientific impact, we adopted a scientific approach to the selection of the comparator conferences, inspired in the protocol of systematic literature reviews. Therefore, we defined the following search string, mostly based on the widely-accepted standards on software quality characteristics (ISO/IEC 9126 and ISO/IEC 25010):

(software OR "information technology" OR communications OR telecommunications) AND (quality OR functionality OR suitability OR reliability OR testing OR usability OR efficiency OR performance OR maintainability OR maintenance OR comprehension OR portability OR verification OR validation OR maturity OR capability OR improvement OR certification OR assessment)

The result of the application of the previous string upon the Google Scholar venues search engine can be observed in the Ranking tab at <http://www.quatic.org>. We further looked in the corresponding CFPs for figuring out which were the venues that better fitted the scope of QUATIC. We also browsed through the programs of the last two editions of each conference to guarantee that they had a similar order of magnitude in terms of program size (number of papers). Our final selection includes one CORE A conference (SPICE) and two CORE B conferences (PROFES and EuroSPI). All the three are inferior in this Google Scholar based ranking to QUATIC, as well as in other metrics, as it can be found in the exhaustive data collection exercise required to consubstantiate this CORE ranking request.

We believe to have produced strong evidence that QUATIC is a very good conference, with a very good impact (would be excellent if we had annual periodicity) and is very well regarded in the discipline of ICT Quality. We are strongly convicted that given its past record, QUATIC deserves to be ranked as a CORE B conference, but we would like to let you know that our Steering Committee is firmly committed in its mission of improving our venue in each edition, striving to reach the CORE A level in a following assessment exercise. For that purpose, we are making provisions for becoming an annual event after 2018, since our projections have showed that our impact factors will have a very substantial increase just due to that fact.

Please accept our best regards,

Fernando Brito e Abreu
(Dean, of behalf of the QUATIC Steering Committee)

Additional Notes

HIGHLIGHTS

- i. Since 2007, QUATIC has IEEE proceedings (<http://ieeexplore.ieee.org/servlet/opac?punumber=1001784>);
- ii. QUATIC double step review process guarantees a very low acceptance ratio for the extended versions presented in the Main Track (average of 12% on the last four editions), a value that is typical of top venues in the CORE

rank (<http://www.quatic.org/statistics>);

iii. QUATIC papers are indexed by DBLP, ACM Digital Library, SCOPUS and Microsoft Academic (links in the Published / Indexed by tab at <http://www.quatic.org/>);

iv. QUATIC has a strong liaison with the American Society for Quality; its best papers have been published regularly as extended versions in the Software Quality Professional Journal (<http://asq.org/pub/sqp/>);

v. QUATIC program committees are very internationalized (<http://www.quatic.org/statistics>) and strong scientifically (<http://www.quatic.org/committees>);

vi. The impact of QUATIC papers has been increasing steadily over the last decade (<https://scholar.google.pt/citations?user>);

vii. Using a search string based on the software quality characteristics (ISO/IEC 9126 and ISO/IEC 25010), upon the Google Scholar venues ranking facility, we find that QUATIC is ranked on 13th place, if we only consider conferences (tab Ranking in <http://www.quatic.org/>);

viii. QUATIC is steered by ACSO3, a not-for-profit association headquartered in Lisbon, Portugal and run by representatives from universities, IT companies and individual experts, that meet regularly to discuss Quality in ICT topics; this steering committee works closely to QUATIC PC chairs to guarantee that no commercial motivations steps into QUATICs scientific objectives;

ix. In recognition for QUATICs role in disseminating advanced methods, techniques and tools for supporting quality approaches to ICT engineering and management, several sponsors have contributed, throughout ten editions, to guarantee QUATICs financial sustainability (see, for instance, sections PROMOTED BY and IN COOPERATION WITH in the main page of <http://2016.quatic.org/>).

Further detailed information on the QUATIC conference series can be found in our portal at <http://www.quatic.org>