



**Submission Data for 2017 CORE conference Re-ranking process
International Conference on Model Driven Engineering Languages and Systems (Previously UML, changed in 2005)**

Submitted by: Juergen Dingel dingel@cs.queensu.ca
Supported by: Juergen Dingel, Jordi Cabot

Conference Details

Conference

Title: International Conference on Model Driven Engineering Languages and Systems (Previously UML, changed in 2005)
Acronym : MODELS
Rank: B

Requested Rank

Requested Rank: A

Recent Years

Most Recent Year

Year: 2017
URL: <https://www.cs.utexas.edu/models2017>
Papers submitted: 121
Papers published: 33
Acceptance rate: 27
Source for acceptance rate: <http://www.cs.utexas.edu/ftp/predator/DDD/Welcome-Thanks.pdf>

Program Chairs

Name: Jeff Gray Affiliation: University of Alabama, Tuscaloosa (USA) H index: 34 Google Scholar URL: http://scholar.google.ca/citations?user=83an81YAAAAJ&hl=en&oi=ao DBLP URL: http://dblp.uni-trier.de/pers/hd/g/Gray:Jeffrey_G=
Name: Vinay Kulkarni Affiliation: Tata Consultancy Services Research, Pune (India) H index: 13 Google Scholar URL: http://scholar.google.ca/citations?user=EiWm0oUAAAAJ&hl=en DBLP URL: http://dblp.uni-trier.de/pers/hd/k/Kulkarni:Vinay

General Chairs

Name: Don Batory Affiliation: University of Texas at Austin, Texas (USA) H index: 59 Google Scholar URL: http://scholar.google.com/citations?user=jUzA3H8AAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/b/Batory:Don_S=
Name: Affiliation: H index: Google Scholar URL: DBLP URL:

Second Most Recent Year

Year: 2016

URL: <http://models2016.irisa.fr/>

Papers submitted: 145

Papers published: 38

Acceptance rate: 26

Source for acceptance rate:

<http://portalparts.acm.org/2980000/2976767/fm/frontmatter.pdf?ip=130.15.1.173&CFID=973484806&CFTOKEN=88268288>

Program Chairs

Name: Joerg Kienzle Affiliation: McGill University, Canada H index: 24 Google Scholar URL: https://scholar.google.ca/citations?user=INUL3eEAAAAJ&hl=en DBLP URL: http://dblp.uni-trier.de/pers/hd/k/Kienzle:J=ouml=rg
Name: Alexander Pretschner Affiliation: Munich University of Technology, Germany H index: 36 Google Scholar URL: https://scholar.google.ca/citations?user=pBIEpNcAAAAJ&hl=en&oi=ao DBLP URL: http://dblp.uni-trier.de/pers/hd/p/Pretschner:Alexander

General Chairs

Name: Benoit Baudry Affiliation: Inria, France H index: 40 Google Scholar URL: http://scholar.google.com/citations?user=oP4UxPkAAAAJ&hl=en DBLP URL: http://dblp.uni-trier.de/pers/hd/b/Baudry:Benoit
Name: Benoit Combemale Affiliation: University of Rennes 1, France H index: 22 Google Scholar URL: https://scholar.google.com/citations?user=VCAbjVYAAAAJ DBLP URL: http://dblp.uni-trier.de/pers/hd/c/Combemale:Beno=icirc=t

Third Most Recent Year

Year: 2015

URL: <http://cruise.eecs.uottawa.ca/models2015/index.html>

Papers submitted: 172

Papers published: 46

Acceptance rate: 27

Source for acceptance rate: <http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=7328153>

Program Chairs

Name: Jordi Cabot Affiliation: ICREA - UOC, Barcelona, Spain H index: 30 Google Scholar URL: https://scholar.google.ca/citations?user=LaGRXwkAAAAJ&hl=en DBLP URL: http://dblp.uni-trier.de/pers/hd/c/Cabot:Jordi
Name: Alexander Egyed Affiliation: Johannes Kepler University, Linz, Austria H index: 38 Google Scholar URL: https://scholar.google.ca/citations?user=tN-tEGIAAAAAJ&hl=en DBLP URL: http://dblp.uni-trier.de/pers/hd/e/Egyed:Alexander

General Chairs

Name: Timothy Lethbridge Affiliation: University of Ottawa, Canada H index: 34 Google Scholar URL: https://scholar.google.ca/citations?user=1sqvSQkAAAAJ&hl=en DBLP URL: http://dblp.uni-trier.de/pers/hd/l/Lethbridge:Timothy
Name: Affiliation: H index: Google Scholar URL: DBLP URL:

External Ranks

Google Scholar Rank

Sub-category URL: http://scholar.google.com.au/citations?view_op=top_venues&hl=en

Position in sub-category: 20+

h5-index of 20th item in subcategory: 29

h5-index of this conference: 26

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: A

H-index: 50

RankH-index: 169

Avg citations: 21

RankAvgCitations: 160

ClassAvgCitations: A

Publications: 530

Citations: 11212

Microsoft Academic rank

Class: A-

FiledRating: 52

RankFieldRating: 247

ClassFieldRating: A-

Avg citations: 13

RankAvgCitations: 273

ClassAvgCitations: B

Publications: 1101

Citations: 14660

Where others publish

General Report

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

List of people with h-indices:

No.	Name	h index	url
1	Lionel Briand	70	http://scholar.google.ca/citations?user=Zj897NoAAAAJ&hl=en
2	Jeff Kramer	65	http://scholar.google.ca/citations?user=t-fuDjMAAAAJ&hl=en
3	Jeff Offutt	59	http://scholar.google.ca/citations?user=fAeRp3kAAAAJ&hl=en
4	Joseph Sifakis	59	https://scholar.google.com/citations?user=8jCwk4EAAAAJ&hl=en
5	Gail C. Murphy	55	http://scholar.google.ca/citations?user=EGA1deoAAAAJ&hl=en
6	Michael D. Ernst	54	http://scholar.google.ca/citations?user=oQ6AeyEAAAAJ&hl=en
7	Alexander Wolf	53	http://scholar.google.com/citations?user=21FXjJgAAAAJ&hl=en
8	Richard Taylor	52	http://scholar.google.ca/citations?user=h9t7KCcAAAAJ&hl=en
9	Mary Shaw	52	http://scholar.google.ca/citations?user=CTXo01AAAAAJ&hl=en
10	Jeff Magee	51	http://scholar.google.ca/citations?user=wMLDvecAAAAJ&hl=en
11	Bernhard Rumpe	51	http://scholar.google.ca/citations?user=nED1C7QAAAAJ&hl=en
12	Manfred Broy	50	http://scholar.google.ca/citations?user=XafQeY4AAAAJ&hl=en
13	Jean-Marc Jezequel	49	http://scholar.google.ca/citations?user=DZ5_Gw4AAAAJ&hl=en
14	Robert B. France	49	http://scholar.google.ca/citations?user=fqsgCbAAAAAJ&hl=en
15	Krzysztof Czarnecki	49	http://scholar.google.ca/citations?user=ZzCpumQAAAAJ&hl=en
16	Brian Henderson-Sellers	49	http://scholar.google.ca/citations?user=5SRPKDIAAAAAJ&hl=en
17	Grigore Rosu	49	http://scholar.google.ca/citations?user=yxpqbdQAAAAJ&hl=en
18	Oscar Nierstrasz	49	http://scholar.google.com/citations?user=Yi00hUYAAAAAJ&hl=en
19	Michele Lanza	49	http://scholar.google.ca/citations?user=hKMBth8AAAAJ&hl=en
20	Gabor Karsai	48	http://scholar.google.ca/citations?user=dShqnsAAAAAJ&hl=en
21	David Notkin	47	http://scholar.google.ca/citations?user=aPxFHv8AAAAAJ&hl=en
22	Betty H. C. Cheng	47	http://scholar.google.ca/citations?user=qABYFOIAAAAAJ&hl=en
23	Sven Apel	47	http://scholar.google.ca/citations?user=_4ssMlOAAAAAJ&hl=en

Keyword: Software Engineering
Reference Item:

2. Model Driven Engineering Languages and Systems ----- This conference was published at 122 times by 16 of 23 experts in the last 10 years. The experts that publish at this conference are: Lionel C. Briand(18), Gail C. Murphy(2), Jeff Offutt(1), Gabor Karsai(9), Krzysztof Czarnecki(9), Bernhard Rumpe(21), Robert B. France(27), Brian Henderson-Sellers(2), Jean-Marc Jzquel(16), Joseph Sifakis(1), Michele Lanza(1), Oscar Nierstrasz(2), Betty H. C. Cheng(14), Manfred Broy(2), Sven Apel(3), Jeff Kramer(2) In 2006, there were 11 publications by 9 experts: Lionel C. Briand, Jean-Marc Jzquel, Jeff Kramer, Betty H. C. Cheng, Krzysztof Czarnecki, Bernhard Rumpe, Manfred Broy, Brian Henderson-Sellers, Robert B. France In 2007, there were 11 publications by 6 experts: Lionel C. Briand, Betty H. C. Cheng, Krzysztof Czarnecki, Bernhard Rumpe, Robert B. France, Jean-Marc Jzquel In 2008, there were 13 publications by 9 experts: Lionel C. Briand, Joseph Sifakis, Michele Lanza, Oscar Nierstrasz, Betty H. C. Cheng, Gabor Karsai, Robert B. France, Jeff Kramer, Jean-Marc Jzquel In 2009, there were 17 publications by 7 experts: Lionel C. Briand, Bernhard Rumpe, Betty H. C. Cheng, Gabor Karsai, Sven Apel, Robert B. France, Jean-Marc Jzquel In 2010, there were 10 publications by 8 experts: Lionel C. Briand, Oscar Nierstrasz, Betty H. C. Cheng, Gabor Karsai, Krzysztof Czarnecki, Bernhard Rumpe, Manfred Broy, Jean-Marc Jzquel In 2011, there were 11 publications by 6 experts: Lionel C. Briand, Betty H. C. Cheng, Krzysztof Czarnecki, Bernhard Rumpe, Robert B. France, Jean-Marc Jzquel In 2012, there were 13 publications by 8 experts: Lionel C. Briand, Gail C. Murphy, Betty H. C. Cheng, Gabor Karsai, Krzysztof Czarnecki, Bernhard Rumpe, Robert B. France, Jean-Marc Jzquel In 2013, there were 15 publications by 4 experts: Lionel C. Briand, Krzysztof Czarnecki, Bernhard Rumpe, Robert B. France In 2014, there were 11 publications by 8 experts: Lionel C. Briand, Jeff Offutt, Betty H. C. Cheng, Gabor Karsai, Krzysztof Czarnecki, Bernhard Rumpe, Robert B. France, Brian Henderson-Sellers In 2015, there were 10 publications by 6 experts: Lionel C. Briand, Gail C. Murphy, Betty H. C. Cheng, Gabor Karsai, Krzysztof Czarnecki, Bernhard Rumpe 16 out of the 23 experts published at this conference in 1 or more years 12 out of the 23 experts published at this conference in 2 or more years 7 out of the 23 experts published at this conference in 6 or more years 6 out of the 23 experts published at this conference in 7 or more years 5 out of the 23 experts published at this conference in 8 or more years 3 out of the 23 experts published at this conference in 9 or more years 1 out of the 23 experts published at this conference in 10 or more years

Specialised Report

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

No.	Name	h index	url
1	Doug C. Schmidt	80	http://scholar.google.ca/citations?user=8GA4R2wAAAAJ&hl=en
2	David Garlan	70	http://scholar.google.com/citations?user=p6HgUFEAAAAJ&hl=en
3	Lionel Briand	70	http://scholar.google.ca/citations?user=Zj897NoAAAAJ&hl=en
4	Jeff Kramer	65	http://scholar.google.ca/citations?user=t-fuDjMAAAAAJ&hl=en
5	Jeff Offutt	59	http://scholar.google.ca/citations?user=fAeRp3kAAAAJ&hl=en
6	Don S. Batory	59	http://scholar.google.ca/citations?user=jUzA3H8AAAAJ&hl=en
7	Gail C. Murphy	55	http://scholar.google.ca/citations?user=EGA1deoAAAAJ&hl=en
8	Bernhard Rumpe	51	http://scholar.google.ca/citations?user=nED1C7QAAAAJ&hl=en
9	Manfred Broy	50	http://scholar.google.ca/citations?user=XafQeY4AAAAJ&hl=en
10	Jean-Marc Jezequel	49	http://scholar.google.ca/citations?user=DZ5_Gw4AAAAJ&hl=en
11	Robert B. France	49	http://scholar.google.ca/citations?user=fqsgCbAAAAJ&hl=en
12	Krzysztof Czarnecki	49	http://scholar.google.ca/citations?user=ZzCpumQAAAAJ&hl=en
13	Brian Henderson-Sellers	49	http://scholar.google.ca/citations?user=5SRPKDIAAAAAJ&hl=en
14	Michele Lanza	49	http://scholar.google.ca/citations?user=hKMBth8AAAAJ&hl=en
15	Oscar Nierstrasz	49	http://scholar.google.com/citations?user=Yi00hUYAAAAJ&hl=en
16	Gabor Karsai	48	http://scholar.google.ca/citations?user=dShqnsAAAAJ&hl=en
17	Betty H. C. Cheng	47	http://scholar.google.ca/citations?user=qABYFOIAAAAAJ&hl=en
18	David S. Rosenblum	47	http://scholar.google.com/citations?user=FyUQvCoAAAAJ&hl=en
19	Sven Apel	47	http://scholar.google.ca/citations?user=_4ssMloAAAAJ&hl=en
20	Jean Bezivin	46	http://scholar.google.ca/citations?user=hrwUrF8AAAAJ&hl=en
21	Gabriele Taentzer	45	http://scholar.google.ca/citations?user=4Gu2XUeAAAAJ&hl=en
22	Wolfram Schulte	45	http://scholar.google.ca/citations?user=hQOpWucAAAAJ&hl=en
23	Tom Mens	45	http://scholar.google.ca/citations?user=5RJe8dsAAAAJ&hl=en
24	Harald Gall	45	http://scholar.google.ca/citations?user=kXX_FYoAAAAJ&hl=en
25	Yvan Labiche	43	http://scholar.google.ca/citations?user=YaZpm7h6qnc&hl=en
26	Yves Le Traon	43	http://scholar.google.ca/citations?user=DmGlmNEAAAAJ&hl=en
27	John Grundy	42	http://scholar.google.ca/citations?user=bbEQGY8AAAAJ&hl=en
28	Frederic Jouault	42	http://scholar.google.ca/citations?user=BqfL80YAAAAJ&hl=en
29	Lori A. Clarke	41	http://scholar.google.com/citations?user=oFiaXEA AAAAJ&hl=en
30	Gerti Kappel	41	http://scholar.google.ca/citations?user=Rdz0vc8AAAAJ&hl=en
31	James R. Cordy	41	http://scholar.google.ca/citations?user=t7IssBgAAAAJ&hl=en
32	Reiko Heckel	41	http://scholar.google.ca/citations?user=wYhf27QAAAAJ&hl=en

Keyword: Software modeling, model-driven/based software engineering/development

Reference Item:

2. Model Driven Engineering Languages and Systems ----- This conference was published at 192 times by 29 of 32 experts in the last 10 years. The experts that publish at this conference are: Lionel C. Briand(18), Jeff Offutt(1), Tom Mens(4), Manfred Broy(2), James R. Cordy(5), David Garlan(1), Wolfram Schulte(2), Brian Henderson-Sellers(2), Gabor Karsai(9), Oscar Nierstrasz(2), Gerti Kappel(17), Harald C. Gall(1), Jeff Kramer(2), Yves Le Traon(8), Douglas C. Schmidt(2), Don S. Batory(5), Bernhard Rumpe(21), Robert B. France(27), Michele Lanza(1), Betty H. C. Cheng(14), Gail C. Murphy(2), Gabriele Taentzer(11), Jean Bzivin(5), Frdric Jouault(9), Krzysztof Czarnecki(9), Lori A. Clarke(1), Jean-Marc Jzquel(16), Yvan Labiche(11), Sven Apel(3) In 2006, there were 20 publications by 19 experts: Lionel C. Briand, Yves Le Traon, Douglas C. Schmidt, Frdric Jouault, Don S. Batory, Krzysztof Czarnecki, Bernhard Rumpe, Manfred Broy, Brian Henderson-Sellers, Robert B. France, Gabriele Taentzer, Yvan Labiche, Gerti Kappel, Betty H. C. Cheng, Tom Mens, Harald C. Gall, Jean-Marc Jzquel, Jeff Kramer, Jean Bzivin In 2007, there were 12 publications by 8 experts: Lionel C. Briand, Yvan Labiche, Betty H. C. Cheng, Krzysztof Czarnecki, Bernhard Rumpe, Robert B. France, Lori A. Clarke, Jean-Marc Jzquel In 2008, there were 19 publications by 15 experts: Lionel C. Briand, Yves Le Traon, Gabriele Taentzer, Jean Bzivin, Frdric Jouault, Gabor Karsai, Betty H. C. Cheng, Robert B. France, Jean-Marc Jzquel, Don S. Batory, Michele Lanza, Oscar Nierstrasz, Yvan Labiche, Tom Mens, Jeff Kramer In 2009, there were 26 publications by 14 experts: Lionel C. Briand, Gabriele Taentzer, Jean Bzivin, Frdric Jouault, Gabor Karsai, Bernhard Rumpe, Robert B. France, Jean-Marc Jzquel, Don S. Batory, Yves Le Traon, Yvan Labiche, Gerti Kappel, Betty H. C. Cheng, Sven Apel In 2010, there were 15 publications by 12 experts: Lionel C. Briand, Gabriele Taentzer, Jean Bzivin, Don S. Batory, Krzysztof Czarnecki, Bernhard Rumpe, Manfred Broy, Jean-Marc Jzquel, Gabor Karsai, Oscar Nierstrasz, Gerti Kappel, Betty H. C. Cheng In 2011, there were 16 publications by 10 experts: Lionel C. Briand, Frdric Jouault, Krzysztof Czarnecki, Bernhard Rumpe, Robert B. France, Jean-Marc Jzquel, Yvan Labiche, Gerti Kappel, Betty H. C. Cheng, Wolfram Schulte In 2012, there were 16 publications by 11 experts: Lionel C. Briand, Bernhard Rumpe, Gail C. Murphy, Gabor Karsai, Krzysztof Czarnecki, Betty H. C. Cheng, Robert B. France, Jean-Marc Jzquel, Gerti Kappel, Tom Mens, Wolfram Schulte In 2013, there were 22 publications by 8 experts: Lionel C. Briand, Gabriele Taentzer, Gerti Kappel, James R. Cordy, Don S. Batory, Krzysztof Czarnecki, Bernhard Rumpe, Robert B. France In 2014, there were 24 publications by 14 experts: Lionel C. Briand, Gabriele Taentzer, Jeff Offutt, Frdric Jouault, Gabor Karsai, Krzysztof Czarnecki, Betty H. C. Cheng, Yves Le Traon, Robert B. France, Brian Henderson-Sellers, Yvan Labiche, Gerti Kappel, Tom Mens, Bernhard Rumpe In 2015, there were 22 publications by 12 experts: Lionel C. Briand, Yves Le Traon, Gail C. Murphy, Frdric Jouault, Gabor Karsai, Krzysztof Czarnecki, Betty H. C. Cheng, Bernhard Rumpe, Gabriele Taentzer, Yvan Labiche, James R. Cordy, David Garlan 29 out of the 32 experts published at this conference in 1 or more years 22 out of the 32 experts published at this conference in 2 or more years 15 out of the 32 experts published at this conference in 4 or more years 13 out of the 32 experts published at this conference in 5 or more years 11 out of the 32 experts published at this conference in 6 or more years 9 out of the 32 experts published at this conference in 7 or more years 5 out of the 32 experts published at this conference in 8 or more years 3 out of the 32 experts published at this conference in 9 or more years 1 out of the 32 experts published at this conference in 10 or more years

Comparator Conferences

IFIP Joint International Conference on Formal Description Techniques and Protocol Specification, Testing, And Verification
International Conference on Coordination Models and Languages
International Conference on Software Reuse
European Conference on Software Architecture

Other Information

Proposers

First name: Juergen
Last name: Dingel
Affiliation: Queen's University, Canada
Email: dingel@cs.queensu.ca

First name: Jordi
Last name: Cabot
Affiliation: UOC, Barcelona, Spain
Email: jordi.cabot@icrea.cat

Attachments

http://portal.core.edu.au/core/media/request_attachment/TheImpactAndValueOfMODELSpublications_2017.pdf

Summary Argument:

Please see attached document "The Impact and Value of MODELS publications".

Additional Notes

NOTES ACCOMPANYING RE-RANKING SUBMISSION FOR MODELS

C) External Ranks

- h5-index and h5-median
 - . for MODELS obtained via
https://scholar.google.com/citations?hl=en&view_op=search_venues&vq=model
 - . for ECSA obtained via
https://scholar.google.com/citations?hl=en&view_op=search_venues&vq=software_architecture
 - . for FORTE, COORDINATION, and ICSR no h5-indices or h5-medians could be found, e.g.,
https://scholar.google.com/citations?hl=en&view_op=search_venues&vq=reuse
did not include ICSR

E) Comparator Conferences

b) Recent years: ECSA

- accepted papers includes full and short papers

c) External ranks: ECSA

- h5-index obtained using
https://scholar.google.com/citations?hl=en&view_op=search_venues&vq=software_architecture&btnG=

d) Where others publish

- General report: FORTE

- . keyword: 'formal methods'
- . used
http://scholar.google.ca/citations?view_op=search_authors&hl=en&mauthors=label:formal_methods
- . Note that FORTE has undergone some name changes. E.g., CORE calls it "IFIP Joint International Conference on Formal Description Techniques and Protocol Specification, Testing, And Verification", while DBLP lists it as "Formal Techniques for Networked and Distributed Systems / Formal Description Techniques for Distributed Systems and Communication Protocols (FORTE)"
<http://dblp.dagstuhl.de/db/conf/forte/>

- Specialized report: FORTE

- . used keywords mentioned in Cfp (e.g., 'formal methods', 'verification', 'model checking', 'concurrency theory') and lists of SC and past PC members

- General report: COORDINATION

- . keyword: 'formal methods'
- . used same list as for FORTE general report
http://scholar.google.ca/citations?view_op=search_authors&hl=en&mauthors=label:formal_methods

- Specialized report: COORDINATION

- . used keywords mentioned in Cfp (e.g., 'formal methods', 'concurrency theory', 'process algebra', 'programming languages', 'coordination', 'software architecture') and lists of past PC and SC members

- General report: ICSR

- . keyword: 'software engineering'
- . used same list as for MODELS general report
http://scholar.google.ca/citations?view_op=search_authors&hl=en&mauthors=label:software_engineering

- Specialized report: ICSR

- . used keywords mentioned in Cfp (e.g., 'software reuse', 'software composition', 'service-oriented architectures', 'software product lines', 'model-driven development', 'software evolution', 'domain specific languages', 'generative development', 'COTS') and SC members and past PC members

- General report: ECSA

- . keyword: 'software engineering'
- . used same list as for MODELS general report
http://scholar.google.ca/citations?view_op=search_authors&hl=en&mauthors=label:software_engineering

- Specialized report: ECSA

- . used keyword 'software architecture'
https://scholar.google.com/citations?hl=en&view_op=search_venues&vq=software_architecture&btnG=
and SC members and past PC members from Europe