

## RE'13: PLENARY SESSION I

### Welcome to RE'13

- PUC-Rio Representatives
- Julio Cesar Sampaio do Prado Leite, PUC-Rio, Brasil  
*General Chair*
- Orlena (Olly) Gotel, Independent Researcher, USA  
*Program Chair*
- Alistair Mavin (Mav), Rolls Royce PLC, UK  
*Industry Chair*
- Simone D.J. Barbosa, PUC-Rio, Brasil  
*Local Chair*
  
- **Keynote Address**

21st IEEE International

**Requirements Engineering**  
Conference

Rio de Janeiro, Brasil  
July 15th – 19th, 2013



## RE'13: Welcome to Brasil, Rio, PUC-Rio

### Prof. José Ricardo Bergmann

Vice President for Academic Matters of PUC-Rio

### Prof. Marcus V.S. Poggi de Aragão

Chair of Informatics Dept of PUC-Rio

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## RE'13: Welcome to RE'13!

Julio Cesar Sampaio do Prado Leite, *General Chair*



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## RE'13: Technical Program

Orlena (Olly) Gotel, *Program Chair*

# PROGRAM

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**P**apers ACCEPTED

**38 peer-reviewed papers in 12 sessions**

- **Research:** Technical Solution, Scientific Evaluation, Survey & Roadmap (+RE@21)
- **Industry:** Practice, Challenge, Applied Research

Some of our author presenters

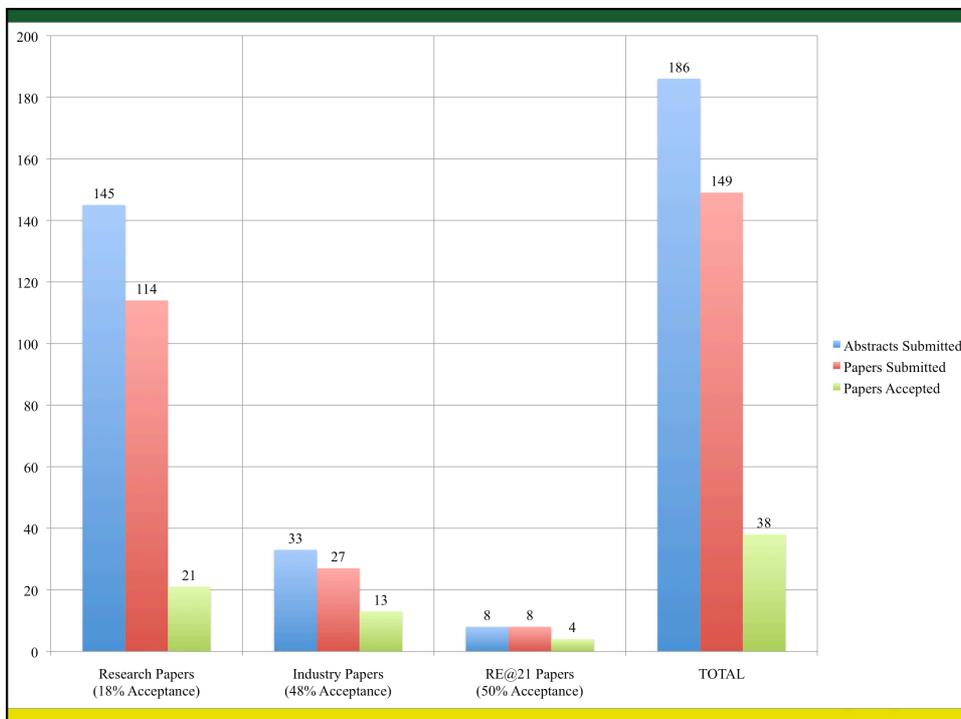


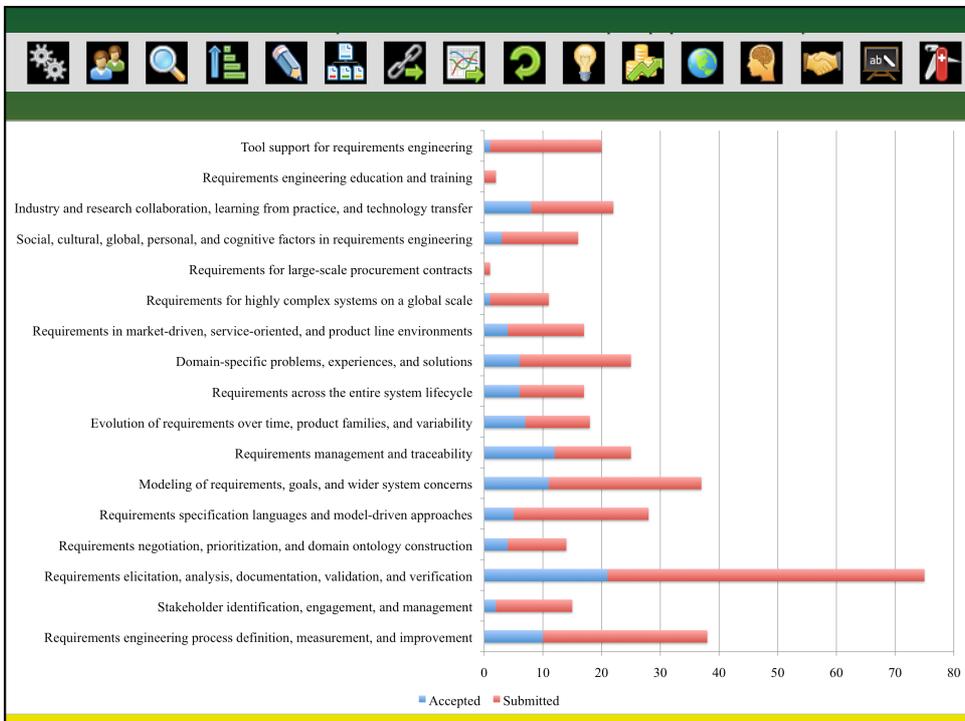
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Thanks to Authors, PB, PC, IC, Session Chairs, & Mentors





## Top Words in Abstracts

**Chairs** 

activities **analysis** analyzed applications applied **approach** artifacts based case challenges  
components design **development** **domain** elicitation  
**engineering** existing features framework generation impact industry information  
knowledge **method** **models** **paper** policy practice practitioners  
**present** **process** product project propose providers quality report  
research results reviews service **software** specification study  
**system** techniques tool **traceability** tracing

**Mentors** 

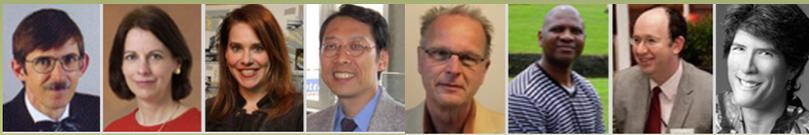
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## RE@21 2013 “Keeping Requirements on Track”

**RE@21 Papers**  
*Wed@11* 

**RE's**  
**MIPs**   
*Wed@4:30 & Thur@11*

**Panel**  
*Fri@11* 

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## Other Sessions



3 Plenaries  
2 Posters  
1 Working

+ Doctoral Symposium  
+ 7 Workshops




3 Mini-tutorials  
2 Panels  
1 Creative Collision

+5 Tutorials



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## Getting Involved

Thanks to the RE4RE Initiative & YOU

# PROGRAM

RE Interactive

- More participative sessions
- Collaborate: tools & techniques; your ideas here...
- Connect: social network; thematic lunches; message board
- Tweet @ieeere
- Feedback: <http://bit.ly/re13fb>

PRIZE DRAW




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**RE in Brasil**

**ER@BR**

**Expo**



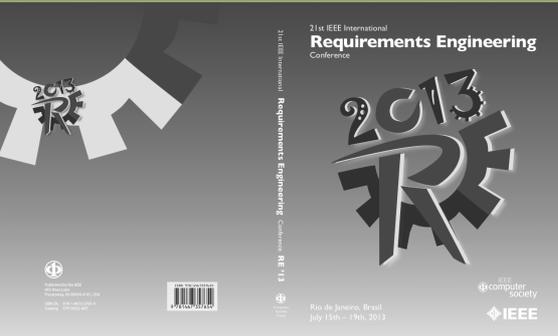
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**Archives**

Thanks to Authors,  
Dirk Beyer, Conference  
Publishing Solutions, &  
Patrick Mader



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IEEE  
computer society

IEEE

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**M**embers

Thanks to the RE'13 Team



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## Program Board (PB)

- **João Araújo** Portugal
- **Travis Breaux** USA
- **Jane Cleland-Huang** USA
- **Daniela Damian** Canada
- **Xavier Franch** Spain
- **Vincenzo Gervasi** Italy
- **Jane Hayes** USA
- **Patrick Heymans** Belgium
- **Marjo Kauppinen** Finland
- **Emmanuel Letier** UK
- **Robyn Lutz** USA
- **Camille Salinesi** France
- **Pete Sawyer** UK

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## Program Committee (PC)

- **Carina Alves** Brasil
- **Daniel Amyot** Canada
- **Annie Antón** USA
- **Simone D.J. Barbosa** Brasil
- **Daniel Berry** Canada
- **Jaelson Castro** Brasil
- **Lawrence Chung** USA
- **Maya Daneva** Netherlands
- **Anthony Finkelstein** UK
- **Samuel A. Fricker** Sweden
- **Donald Gause** USA
- **Carlo Ghezzi** Italy
- **Martin Glinz** Switzerland
- **Paul Grünbacher** Austria
- **Jennifer Horkoff** Italy
- **Ivan Jureta** Belgium
- **Natalia Juristo** Spain
- **Seok-Won Lee** Republic of Korea
- **Sotirios Liaskos** Canada
- **Lin Liu** China

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## Program Committee (PC) – cont.

- **Patrick Mäder** Germany
- **Neil Maiden** UK
- **Ana Moreira** Portugal
- **Gunter Mussbacher** Canada
- **John Mylopoulos** Italy
- **Cornelius Ncube** UK
- **Uolevi Nikula** Finland
- **Nan Niu** USA
- **Barbara Paech** Germany
- **Oscar Pastor** Spain
- **Birgit Penzenstadler** Germany
- **Anna Perini** Italy
- **Klaus Pohl** Germany
- **Bjorn Regnell** Sweden
- **William Robinson** USA
- **Colette Rolland** France
- **Kurt Schneider** Germany
- **Norbert Seyff** Switzerland
- **Carla Silva** Brasil
- **Guttorm Sindre** Norway

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## Program Committee (PC) – cont.

- **Alistair Sutcliffe** UK
- **Tetsuo Tamai** Japan
- **Sebastian Uchitel** Argentina & UK
- **Axel Van Lamsweerde** Belgium
- **Roel Wieringa** Netherlands
- **Jon Whittle** UK
- **Yijun Yu** UK
- **Andrea** UK
- **Didar Zowghi** Australia

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## Industry Committee (IC)

- **Ian Alexander** UK
- **Joy Beatty** USA
- **Brian Berenbach** USA
- **David Callele** Canada
- **Oliver Creighton** Germany
- **Jeremy Dick** UK
- **Christof Ebert** Germany
- **Markus Flückiger** Switzerland
- **Tony Gorschek** Sweden
- **Frank Houdek** Germany
- **Pete Jones** Phonak, Switzerland
- **Kim Lauenroth** Germany
- **Luiz Eduardo Galvão Martins** Brasil
- **Erik Simmons** USA
- **Anja Wever** Australia

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## Other Session Organizers

- **Joy Beatty** USA & **Maria Lencastre** Brasil
- **Cornelius Ncube** UK
- **Martin Mahaux** Belgium & **David Callele** Canada
- **Oliver Creighton** Germany & **Marcos Borges** Brasil
- **Letícia Duboc** Brasil & **Birgit Penzenstadler** USA
- **Jane Cleland-Huang** USA & **Smita Ghaisas** India
- **Birgit Penzenstadler** USA, **Debra Richardson** USA, & **David Callele** Canada

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## All Session Chairs

- **Neil Maiden** UK
- **Jaelson Castro** Brasil
- **Bashar Nuseibeh** UK & Ireland
- **Barbara Paech** Germany
- **Marjo Kauppinen** Finland
- **Zhi Jin** China
- **Martin Glinz** Switzerland
- **Stephen Morris** UK
- **Roel Wieringa** Netherlands
- **Didar Zowghi** Australia
- **Nan Niu** USA
- **Nelly Bencomo** UK
- **Daniel M. Berry** Canada
- **João Araújo** Portugal
- **Neil Ernst** USA
- **Michael Panis** USA
- **Seok-Won Lee** Republic of Korea

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## Monday & Tuesday

### **Workshops:**

**Marcos Borges** Brasil & **Oliver Creighton** Germany

(Chairs of MoDRE, RE4SuSy, EmpiRE, RePa, CMA, TwinPeaks, RELAW)

### **Tutorials:**

**Joy Beatty** USA & **Maria Lencastre** Brasil

(+ all 11 Instructors)

### **Doctoral Symposium:**

**Paul Grünbacher** Austria & **Ana Moreira** Portugal

(+ Our PhD Gurus)

### **ER@BR:**

**Jaelson Castro** Brasil & **Fernanda Alencar** Brasil

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## Student Volunteers

- **Carolina Valadares** Brasil
- **Claudio Menghi** Italy
- **Davi Viana** Brasil
- **Ernani (Gaspar) dos Santos** Brasil
- **Fernando Wanderley** Portugal
- **George Augusto Valenca Santos** Brasil
- **Irina Todoran** Switzerland
- **Joselaine Valaski** Brasil
- **Marilia Guterres Ferreira** Brasil
- **Monique Conceicao Soares** Brasil
- **Patrick Rempel** Germany
- **Sandeep Reddivari** USA
- **Shokoofeh Hesari** Norway
- **Sunil Nair** Norway
- **Tiago Prince Sales** Brasil

**Chairs:** Renata Guizzardi, Vitor Souza, & Silvia Ingolfo

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# PROGRAM

<http://www.re13.org>

**P**apers  
**R**E@21  
**O**ther Sessions  
**G**etting Involved  
**R**E in Brasil  
**A**rchives  
**M**embers






<http://conferoapp.com/#RE2013>

**Thanks to Gunter Mussbacher & Publicity Team, Carla Silva, Carlos Lima, & Creact.eve**

<p>16:30 - 18:00</p> <p><b>RE Papers: Handling Change (FB6)</b>  <i>Chair: Nelly Bencomo (Aston University, UK)</i></p> <p>Learning from Evolution History to Predict Future Requirement Changes  <i>Lin Shi, Qing Wang, and Mingshu LJ (ISCAS, China; UCAS, China)</i></p> <p>Assessing Regulatory Change through Legal Requirements Coverage Modeling  <i>David G. Gordon and Travis L. Breaux</i></p>	<p><b>RE Papers: Improving the Quality of Requirements in Practice (FB5)</b>  <i>Chair: Daniele M. Berry (University of Waterloo, Canada)</i></p> <p>The Impact of Requirements on Software Quality across Three Product Generations  <i>John Tzarakis (RE'13 Best Industry Paper Award Winner) (Intel, USA)</i></p> <p>Requirements Clinic: Third Party Inspection Methodology and Practice for Improving the Quality of Requirements Specifications  <i>Slobodan Stokich, Miroslav Takanashi</i></p>	<p><b>RE Panel: Ready-Set-Transfer - Technology Transfer in the Requirements Engineering Domain (FB3)</b>  <i>Chair: Jane Cleland-Huang (DePaul University, USA) and Smita Ghassas (Tata Consulting Services, India)</i></p> <p>Organizers: Jane Cleland-Huang (DePaul University, USA) and Smita Ghassas (Tata Consulting Services, India)</p> <p>Academic Competitors:                  *Requirements Reuse through Software Requirement Patterns*, Xavier Franch (Universitat Politècnica de Catalunya, Spain)                  *The Role of Domain Ignorance in RE*, Ali Niknafs (University of Waterloo, Canada)</p>
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**On Requirements Verification for Model Refinements**  
*Carlo Ghezzi, Claudio Menghi, Amir Molzam Sharifloo, and Paola Spoletini (Politecnico di Milano, Italy; Università dell'Insubria, Italy)* **VIDEO**

Don't wait until the end: verify your incomplete models!

**Projects**  
*Michael Faldorer and Armin Beer (University of Innsbruck, Austria; QZ LAB Business Services, Austria; Beer Test Consulting, Austria)*

**Projects**  
*Tony Gorschek (Blekinge Institute of Technology, Sweden)  
 Sarah Gregory (Intel, USA)*

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## RE'13: Industry in the Program

Alistair Mavin (Mav), *Industry Chair*




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## Industry Highlights

- “Industry Papers” rather than “Industry Track”
  - Dedicated industry sessions
  - Blended sessions
  - Recognition there is no clear split between research & industry
- Industry Readiness Level
  - Shows “maturity” of research papers
- Tutorials
  - Summarized during main conference
- (in program) Mini Tutorials
  - Practical approaches that can be immediately applied
- REforRE
  - Greater Interaction, more varied sessions
  - Hence RE Interactive, blended sessions etc.

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Simone D.J. Barbosa, *Local Chair*

# Things to Know...

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## Our Major Sponsors



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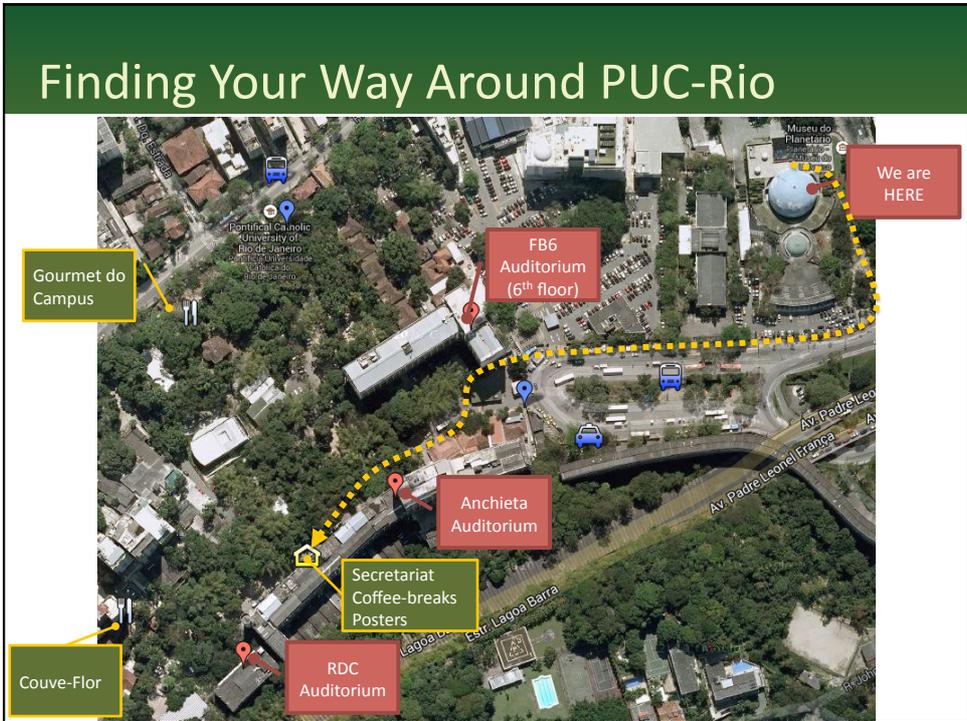
## NO Wi-Fi in Plenary Sessions (Planetarium)



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### Conference Dinner - Porcão Rio's - Thurs

Sugar Loaf Buses will depart from PUC at **18:30**

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## Nutrition Facts

Item	Calories (kcal)
uma caipirinha	300
um açaí	450

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“kara'i oka” = Inhabitants of Rio de Janeiro  
*from the indigenous Amerindian language Tupi, meaning “white man’s house”*

# carioca

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## RE'13: Keynote Address



### **Requirements Engineering as Information Search and Idea Discovery**

Neil Maiden

City University London, UK

*Introduced by:* Alistair Mavin (Mav)



