

# WS-REST 2015 Chairs' Welcome

Thousands of APIs exist and their number is growing tremendously, while use cases become increasingly complex. In contrast to the human-oriented part of the Web, Web APIs are designed to be used by machines. This makes issues surrounding their design and integration significantly different from those of the traditional Web. However, this also enables the provisioning of new added-value automated solutions on the Web.

This workshop brings together researchers and practitioners by providing an open discussion forum around the design and use of the programmable Web. It is the principal venue for discussing latest findings and research and development results around the issues, practices, and best principles surrounding Web API design and use.

This sixth edition of WS-REST continues the tradition of the previous workshops and invited submissions on a number of pressing topics like the development of intelligent and generic Web API clients, dynamic combination of and interactions between Web APIs, novel hypermedia-driven solutions, tackling the tremendous growth and heterogeneity of APIs, analysis and understanding of the social and economic factors surrounding the development, use, and adoption of Web APIs and mashups, novel solutions for the automated discovery and profiling of Web APIs, novel technologies for facilitating the development of mashups and services for the Web of Things, and lessons learned from the deployment, maintenance and evolution of Web APIs and mashups.

This resulted in 10 high-quality submissions, 6 of which have been selected for presentation at WS-REST 2015.

We hope you enjoy this year's selection and would like to welcome you to WS-REST 2015. Our main goal is to keep the discussion about Web API issues alive, in order to stimulate the search for creative solutions within research and engineering disciplines. Many challenges are still ahead of us, as the number of APIs continues to increase each day.

**Ruben Verborgh**  
*WS-REST 2015 Chair*

**Thomas Steiner**  
*WS-REST 2015 Chair*

**Carlos Pedrinaci**  
*WS-REST 2015 Chair*



# WS-REST 2015 Organization

**General Chairs:** Ruben Verborgh (*Ghent University – iMinds, Belgium*)  
Thomas Steiner (*Google Germany GmbH, Germany*)  
Carlos Pedrinaci (*The Open University, UK*)

**Program Committee:** Benjamin Carlyle, Siemens  
Cesare Pautasso, University of Lugano  
Charalampos Doukas, CREATE-NET  
Christoph Bussler, Tropo  
Dave Raggett, W3C  
Erik Wilde, Siemens  
Ivan Zuzak, GitHub  
Jim Webber, Neo Technology  
Joe Gregorio, Google  
Leonard Richardson  
Markus Lanthaler, Google  
Michael Mrissa, Université Lyon 1  
Mike Amundsen, Layer7  
Rosa Alarcón, Pontificia Universidad Católica de Chile  
Stefan Dietze, L3S Research Center  
Stefan Tilkov, innoQ  
Steve Klabnik, Balanced Payments  
Steve Vinoski, Verivue  
Silvia Schreier, innoQ  
Tomas Vitvar, Oracle  
Vlad Stirbu, Nokia  
Yves Lafon, W3C