

Call for Papers

4th International Workshop on Emerging Trends in Software Metrics – WETSoM 2013

ICSE 2013 – 18-26 May – San Francisco, U.S.A

<p>Organizers Steve Counsell, <i>Brunel Univ., UK</i> Michele Marchesi, <i>Univ. of Cagliari, Italy</i> Ewan Tempero, <i>Univ. of Auckland, New Zealand</i> Aaron Visaggio, <i>Univ. of Sannio, Italy</i></p> <p>Program Committee Alain Abran, <i>ETS, Univ. du Québec, Canada</i> Francesca Arcelli Fontana, <i>Univ. of Milano Bicocca, Italy</i> Stefan Blom, <i>Univ. of Twente, Netherlands</i></p>	<p>The 4th International Workshop on Emerging Trends in Software Metrics, held within ICSE 2013 conference (http://2013.icse-conferences.org/), is aimed to gather together researchers and practitioners to discuss the progress of software metrics. The motivation for this workshop is the low impact that software metrics has on current software development. The goals of this workshop includes critically examining the evidence for the effectiveness of existing metrics and identifying new directions for metrics. Evidence for existing metrics includes how the metrics have been used in practice and studies showing their effectiveness. Identifying new directions includes use of new theories, such as complex network theory, on which to base metrics. The topics of interest include, but are not restricted to, the</p>
<p>Luigi Buglione, <i>Engineering.IT / ETS, Canada</i> Gerardo Canfora, <i>Univ. of Sannio, Italy</i> Giovanni Cantone, <i>DISP – Univ. of Rome "Tor Vergata", Italy</i> Damien Challet, <i>Fribourg Univ., Germany</i> Peter J. Clarke, <i>Florida International Univ., USA</i> Giulio Concas, <i>DIEE Univ. of Cagliari, Italy</i> Juan J. Cuadrado Gallego, <i>Univ. of Alcalá, Spain</i> Massimiliano Di Penta, <i>Univ. of Sannio, Italy</i> Kecia Ferreira, <i>CEFET-MG, Brasil</i></p>	<ul style="list-style-type: none"> • New software metrics to assess quality and effort • Complex network theory and its application to software structure and growth • Micro-patterns and other code-style related metrics • Metrics for agile products, processes and teams • Dynamic tracking of software projects using metrics • Metrics-based quality prediction • Software architecture metrics, including service oriented architectures, and their application to software maintenance and evolution • Quality of Service and Service Level Agreement metrics • Metrics related to software for mobile terminals • Metrics for Open Source software products and processes • Metrics for measuring the security level of software applications.
<p>Matt Gatrell, <i>Brunel Univ., UK</i> Israel Herraiz, <i>Technical Univ. of Madrid, Spain</i> Sègla Kpodjedo, <i>SOCCER Lab -- DGIGL, École Polytechnique de Montréal, Québec</i> Adrian Kuhn, <i>Univ. of Bern, Switzerland</i> Marcelo Maia, <i>Federal Univ. of Uberlândia, Brasil</i> Sandro Morasca, <i>Univ. degli Studi dell'Insubria, Italy</i> James Power, <i>National Univ. of Ireland, Ireland</i> Steve Riddle, <i>Newcastle Univ., UK</i> Jean-Guy Schneider, <i>Swinburne Univ. of Technology, Australia</i> Alexander Serebrenik, <i>Eindhoven Univ. of Technology, Netherlands</i></p>	<p style="text-align: center;">INSTRUCTIONS TO AUTHORS</p> <p>We are soliciting contributions in the form of regular papers (7 pages). All papers should be in the ACM SIG Proceedings format, as required for the ICSE (see www.acm.org/sigs/publications/proceedings-templates).</p> <p>Papers must be original and not under consideration for publication elsewhere. Authors must clearly explain their position, in reference to the issues raised in this Call. All submissions will be reviewed by members of the program committee and the organizing committee for quality and relevance. Accepted papers will become part of the workshop proceedings and published in the ICSE companion proceedings.</p> <p>Each submission must include an abstract and a list of keywords. All submissions should be submitted electronically in PDF format, following the instructions on the workshop web site: http://www.rcost.unisannio.it/wetsom2013.</p>
<p>Martin Shepperd, <i>Brunel Univ., UK</i> Sagar Sunkle, <i>Tata Consultancy Services, India</i> Roberto Tonelli, <i>Univ. of Cagliari, Italy</i> Marco Tulio Valente, <i>Univ. Federal de Minas Gerais, Brasil</i> Rajesh Vasa, <i>Swinburne Univ. of Technology, Australia</i> Hongyu Zhang, <i>Tsinghua Univ., China</i></p>	<p style="text-align: center;">IMPORTANT DEADLINES</p> <p>Paper submission: February 07, 2013 Paper acceptance notification: February 28, 2013 Camera-ready version: March 7, 2013 Workshop date: May 21, 2013</p>