

The 3rd International Workshop on Global Software Development

Workshop Organizers:

**Daniela Damian, University of Victoria
Canada**

**Filippo Lanubile, University of Bari
Italy**

The 3rd edition of the GSD workshop

- Continuation of the workshop on Software Engineering over the Internet, ICSE 1998-2001
- More focus on the interplay between technical, social and organizational aspects of GSD
- Increased participation:
 - Second highest attended workshop this year
 - Attendees from industry including Siemens, IBM India, Analog Devices, Accenture

The global landscape

- 18 submissions, 14 accepted: 9 technical papers and 5 position papers
- Authors from:
 - North America (Canada, USA)
 - South America (Brazil)
 - Europe (Italy, Ireland, Finland, Norway, Germany)
 - Asia (India)

The Program

- Introductory keynote by Philippe Kruchten from UBC, Canada

On The impact of cultural issues in GSD

The program at a glance

- Papers organized in three panel sessions:
 - **Feasibility of GSD** (mediator Elizabeth Hargreaves)
Lunch
 - Strategies for success (mediator James Chisan)
Afternoon break
 - Research methods and challenges in GSD (mediator D. Damian)
- Authors are panelists and have 10 minutes for presentation

11:00 – 12:30 Session mediator: Elizabeth Hargreaves

Feasibility of GSD

Transitioning from a Co-Located to a Globally-Distributed Software Development Team: A Case Study and Analog Devices Inc.

David Boland and Brian Fitzgerald

Global Software Development Process Research at Siemens

Matthew Bass and Daniel Paulish

Efficient Maintenance Support in Offshore Software Development: a Case Study on a Global E-Commerce Project

Zheng Yan

Risk Management in Global Software Development: A Position Paper

Rafael Prikladnicki and Marcelo Hideki Yamaguti

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2:00 – 3:30 Session mediator: James Chisan

Strategies for success

Can Global Software Teams Learn from Military Team Work Models?

Elizabeth Hargreaves and Daniela Damian

Designing the Inter-Organizational Software Engineering Cooperation: An Experience Report

Hans Nissen

Towards a Model of Awareness Support of Software Development in GSD

James Chisan and Daniela Damian

Peer-to-Peer Remote Conferencing

Fabio Calefato, Filippo Lanubile and Teresa Mallardo

Test-Driven Global Software Development

Bikram Sengupta, Vibha Sinha, Satish Chandra, Sharath Sampath and K. Guru Prasad

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4:00 – 5:30 Session mediator: Daniela Damian

Research methodologies and challenges in GSD

Using Iterative and Incremental Process in Global Software Development

Maria Paasivaara and Casper Lassenius

Communication Problems in Global Software Development: Spotlight on a New Field of Investigation

Sébastien Cherry and Pierre Robillard

An Empirical Study on Global Software Development: Offshore Insourcing of IT Projects

Rafael Prikladnicki, Jorge Audy and Roberto Evaristo

Analyzing Intercultural Factors Affecting Global Software Development - A Position Paper

Philippe Kruchten

The Benefits and Limitations of Knowledge Management in Global Software Development

Torgeir Dingsøy, Knut-Helge Rolland and M. Letizia Jaccheri

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Impact of culture on Global Software Development

Philippe Kruchten, University of British Columbia,
Canada

Community building

- Establish a working group
- More frequent meetings
- Do what we preach: defy geographical distances by using collaborative communication tools
- Possible collaborative (technical) infrastructure:
AccessGrid



Virtual workshop on GSD

University of Victoria

