



*Proceedings
of
International Workshop
on
Computer-Supported Knowledge Collaboration*

July 7-9, 2004

Software School
Fudan University
Shanghai, China

*International Workshop on
Computer-Supported Knowledge Collaboration*

Program

July 7

Session 1: 9:30 – 11:00 Research Frontiers

9:30 – 9:45 Opening remarks and self-introduction

9:45 – 10:45 Keynote1:

Empirical Approach to Software Engineering

Ken'ichi Matumoto; Nara Institute of Science and Technology

10:45 – 11:00 Break

11:00 – 12:00 Keynote2:

Interaction Design for Creative Knowledge Work

Kumiyo Nakakoji; RCAST, University of Tokyo

Session 2: 1:30 – 5:00 Theory and Practice

1:30 – 2:10 Research and Education in the Software School
Binyu Zang; Fudan University

2:10 – 2:50 Dynamic Community, A New Theory to Knowledge
Collaboration
Yunwen Ye; SRA-KTL & University of Colorado

2:50 – 3:00 Break

3:00 – 3:40 Knowledge Management Platform for Software Parks
Dehua Ju & Beijun Shen; ASTI

3:40 – 4:20 Research Projects in the Software Engineering Institute of East
China Normal University
Guoxing Huang; East China Normal University

4:20 – 5:00 Historical Perspective of Software Engineering based upon
the Keyword "Process"
Kouichi Kishida; SRA-KTL

July 8

Session 3: 9:30 – 11:50 Analysis Techniques

9:30 – 10:10 Analysis on Diversity and Similarity among Software
Development Projects Using Empirical Project Monitor
Masao Ohira, Ken-ichi Matsumoto; Nara Institute of Science and
Technology

10:20 – 11:00 Supporting Dynamic Communications with Development Histories
Kei Sasaki, Makoto Matsushita, Katsuro Inoue; Osaka University

11:10 – 11:50 A Conceptual Framework for Helping People Decide How to be Engaged in Dynamic Communities
Kumiyo Nakakoji; RCAST, University of Tokyo

Session 4: 1:30 – 3:50 Collaborative Filtering

1:30 – 2:10 Application of Collaborative Filtering for Software Component Retrieval System
Makoto Ichii, Reishi Yokomori, and Katsuro Inoue; Osaka University

2:20 – 3:00 Progressive User Profiling in Recommendation Systems
Naoki Ohsugi; Nara Institute of Science and Technology

3:10 – 3:50 Javawock: Recommendation System of Java Class Based on Collaborative Filtering Technique
Takeshi Kakimoto; Nara Institute of Science and Technology

July 9

Session 5: 9:30 – 11:45 Community Support

9:30 – 10:10 Dynamic Community Identification in Consideration of Time Change in User's Expertise and Human Relations
Kazuaki Yamada; University of Tokyo

10:20 – 11:00 Towards Repositories Centered Dynamic Developer's Community
Makoto Matsushita; Osaka University

11:10 – 11:50 The Schema of Knowledge Repositories for Dynamic Communities
Yunwen Ye; SRA-KTL & University of Colorado

Session 6: 1:30 – 4:00 General Architecture

1:30 – 3:30 (Plenary discussion)
The Grand General Architecture of Systems in Support of Knowledge Collaboration

Led by: Yasuhiro Yamamoto; University of Tokyo
3:30 – 4:00 Closing remarks

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