

Introduction to PLM14 Doctoral Workshop

On **Saturday 5th and Sunday 6th July**, the PLM Conference will host the **third Doctoral Workshop on PLM**, an occasion specifically defined for PhD students and young researchers interested in PLM topics. The Doctoral Workshop will run on Saturday 5th afternoon (from 14.00 to 18.00) and Sunday 6th morning (from 9.00 to 12.30). The Doctoral Workshop will take place at the **SDM, Keio University¹**.

The Doctoral Workshop offers PhD students the possibility to present and discuss, receive feedback, and exchange comments and views on their doctoral research in an inspiring academic community of fellow PhD students, experienced researchers and professors of the IFIP WG 5.1 community. The participants of the Doctoral Workshop will be **10 PhD students** that conduct research in the scientific field of the PLM conference. These students have been admitted to present their doctoral thesis research plans, also acting as peer reviewers. The selected students are listed in the following table.

Name	University
Gary N. Ford	University of Bristol
Kazuko Yamagishi	System Design & Management, Keio University
Haiqing Zhang	University Lumiere Lyon 2
Sadao Suganuma	System Design & Management, Keio University
Daniele Cerri	Politecnico di Milano
Satoru Nakamura	Graduate School of Frontier Sciences, University of Tokyo
Mohamed Anis Dhuieb	IRCCyN, Ecole Centrale de Nantes, France
Jingyu Sun	Hiekata Lab, University of Tokyo
Marianne Allanic	Université de Technologie de Compiègne
Yoshio Muraoka	System Design & Management, Keio University

In addition to the presenters, other PhD students, researchers and professors are kindly invited to join the workshop as active listeners, discussants and learners. Please, take care that all workshop participants (presenters as well as non-presenters, supervisors) **have to register to the Doctoral Workshop**.

Guidelines for the participants

The workshop consists of presentations and discussions of the selected doctoral thesis research plans. For each presentation, altogether 40 minutes are reserved:

- 20 minutes for the oral presentation (Power Point slides can be used)

¹ You will receive more information about the location soon

- 5 minutes for the peer review (Power Point slides can be used)
- 15 minutes for the discussants' comments and general discussion.

The maximum length of the research plan is 15 pages (using the Conference template), and the oral presentation should not exceed 20 minutes. The research plan is of course a working plan that still needs developments. However, **it should address the following main points:**

- Problem statement / Objective of the thesis
- Theoretical background and research gap
- Research questions
- Methodology and data
- Expected results and contribution to theory and practice
- Gantt and structure of the work

Each student will act as peer reviewer of one other research plan. The following table shows the review allocation for each student ([update 26 June 2014](#)). Moreover, some researchers and professors have already confirmed their attendance to the PLM14 Doctoral Workshop for acting as discussants (they will support the discussion, but **it is up to each student to work as reviewer!**).

Name (PhD students)	Reviewer Assigned (PhD students)	Supporting discussants (Dr., Prof.)
Gary N. Ford	Mohamed Anis Dhuieb	
Kazuko Yamagishi	Marianne Allanic	Dr. Nakano
Haiqing Zhang	Kazuko Yamagishi	Dr. Tomaru
Sadao Suganuma	Jingyu Sun	Dr. Yacine Ouzrout
Daniele Cerri	Sadao Suganuma	
Satoru Nakamura	Daniele Cerri	Dr. Abdelaziz Bouras
Mohamed Anis Dhuieb	Satoru Nakamura	Dr. Shuiki Fukuda
Jingyu Sun	Gary Ford	Dr. Christian Braech
Marianne Allanic	Yoshio Muraoka	Dr. Alain Bernard
Yoshio Muraoka	Haiqing Zhang	

Acting as a Referee please consider the main points of the research plan (see above). Present the comments orally (5 minutes maximum), and give them in writing to the author at the workshop, making some slides (3-4 slides) with your comments. In your review, please take care of the following questions:

- How relevant is this contribution to the practice?
- Are there any errors of facts or logic?
- Is this a new and original contribution?
- Are the organization and length satisfactory? Is there any material which might be deleted?
- Is the contribution clearly presented?
- Is the summary and/or abstract clearly presented?
- Are the illustrations and tables all necessary and acceptable?
- Does the title clearly reflect the content of the paper?
- Are the references adequate and are they all necessary?
- Do you have any other recommendations for the author?

All the **research plans are available here** (dropbox folder):

<https://www.dropbox.com/sh/ma2c3s4psp3ynrt/AABjaXelH5fxH1VnsK50iOLoa>

Please, **read the assigned papers** and note some main points per each paper, for general discussion. The peer reviewer is asked to concentrate in more detail on the research plan

dedicated for him/her for review. The scientific discussants, i.e. professors and experienced researchers, are asked to go through all the research plans and prepare comments and supervisory input for the discussion.

Hereafter the **detailed agenda** of the Doctoral Workshop is defined.

Day	Start	End	Activity	Presenters
Saturday 5 th July	14.00	14.15	Welcome	Dr. Shuiki Fukuda, Dr. Yacine Ouzrout, Dr. Teruaki Ito and Dr. Takayuki Tomaru
	14.15	14.30	Tour de table among participants	
	14.30	15.10	Presentation 1	Gary N. Ford
	15.10	15.50	Presentation 2	Kazuko Yamagishi
	15.50	16.00	<i>Coffee Break</i>	
	16.00	16.40	Presentation 3	Daniele Cerri
	16.40	17.20	Presentation 4	Satoru Nakamura
	17.20	18.00	Presentation 5	Mohamed Anis Dhuieb
	18.20	18.30	Wrap up	Dr. Yacine Ouzrout, Dr. Teruaki Ito and Dr. Takayuki Tomaru
	19.30	-		
Day	Start	End	Activity	Presenters
Sunday 6 th July	8.50	9.00	Welcome	Dr. Yacine Ouzrout, Dr. Teruaki Ito and Dr. Takayuki Tomaru
	9.00	9.40	Presentation 6	Haiqing Zhang
	9.40	10.20	Presentation 7	Jingyu Sun
	10.20	11.00	Presentation 8	Sadao Suganuma
	11.00	11.10	<i>Coffee Break</i>	
	11.10	11.50	Presentation 9	Marianne Allanic
	11.50	12.30	Presentation 10	Yoshio Muraoka
	12.30	12.40	Conclusions	Dr. Yacine Ouzrout, Dr. Teruaki Ito and Dr. Takayuki Tomaru

Here the list of the students' works and emails.

Name	Title of the research work
Gary N. Ford	Data Criticality In Through Life Engineering Support
Kazuko Yamagishi	Research on the sound design of the product using Kansei modeling
Haiqing Zhang	Multiple Criteria Decision Support in Product Lifecycle Management
Sadao Suganuma	Supply Chain Resiliency against Disasters
Daniele Cerri	A general framework for LCS (LifeCycle Simulation)
Satoru Nakamura	Development of System to support Historical Study with Semantic Web
Mohamed Anis Dhuieb	Multi-scale enterprise knowledge structuring for context-aware knowledge restitution
Jingyu Sun	Research about Facilitating Design of Curved Shell Plates' Machining Plans Using Knowledge-based Method on the Basis of 3D Virtual Template System
Marianne Allanic	Management and visualization of heterogeneous data: implementation of PLM approaches in the field of bio-medical imaging
Yoshio Muraoka	"Thermal Management of Software Changes in Product Lifecycle of Consumer Electronics

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