## PRAGMA Students Updates

Yuan Luo on behalf of the PRAGMA Students Group The 25<sup>th</sup> PRAGMA Workshop, Beijing, China, Oct 17<sup>th</sup>, 2013



## Introduction to PRAGMA Students

### Background

- PRAGMA22 launched a discussion of how to engage graduate students more actively in PRAGMA.
- The PRAGMA student group was formed in 2012 to shape and grow the opportunities for students that are inherent in PRAGMA's long-lived trusted social network, and strong breadth of technical expertise.



## Student Talks

The 1st student workshop, Seoul, Korea



The 2<sup>nd</sup> student workshop, Bangkok, Thailand



Remote file access with RDMA

· Latency of Ethernet is at least 50



# Group discussions with mentors



Pre-workshop conversation in Melbourne, Australia



The 2<sup>nd</sup> student workshop, Bangkok, Thailand



# Active audience participation



The 1st student workshop, Seoul, Korea

The 2<sup>nd</sup> student workshop, Bangkok, Thailand





# Informal trips/events













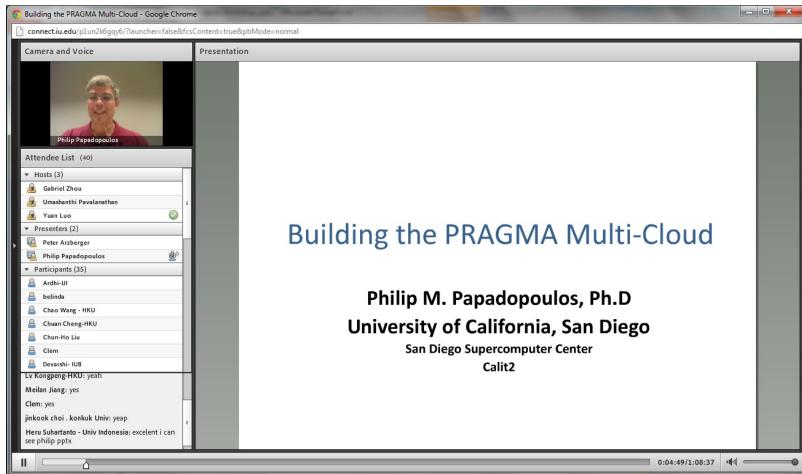


#### **Activities So Far**

- Network of Students connect with peers, contribute your idea to the group
  - Biweekly Skype meeting led by students steering committee to discuss students activities, etc.
- Distributed Seminar learn from experts, become experts.
  - Around 60 participants attended Phil's talk (first seminar)
- Poster Session showcase your work
  - 17 posters in PRAGMA 23
  - 26 posters in PRAGMA24
  - 26 posters in PRAGMA25
- Student Workshops practice your presentation skills, connect with mentors
  - 5 invited talks and 1 students presentations in PRAMGA 238 students presentations and a panel discussion in PRAGMA24
  - A 10 students lightening talks, panel discussion, breakout session.

#### PRAGMA Students Online Seminars

- First Seminar:
  - Building the PRAGMA Multi-Cloud, by Dr. Philip Papadopoulos
    - http://connect.iu.edu/p1un2k6gqy6/





### The 3<sup>rd</sup> PRAGMA Students Workshop in PRAGMA25

#### Student lightening talks

- Best Talk: Yi Shen (CNIC); Best Tech Talk: Xieming Li (Tskuba Univ.);
- Best Early Researcher Talk: Gabriel Zhou (Indiana Univ.)

#### Panel discussion: Sustainable Student Engagement in International Collaborations

- -- Beth Plale (IU, moderator); Yongzheng Ma (CNIC); Kohei Ichikawa (NAIST); Putchong Uthayopas (KU-Thailand); Meilan Jiang (KU-Korea); Hiroki Ohtsuji (Tsukuba)
- Strengthened PhD research
- Short term research opportunities
- Student Peer Network
- Student Development

#### Breakout discussion outcomes

- Student development
- Publications
- Cross-institution research
  - Student exchange opportunities
  - Rosters for faculty and students
    - Project marketplace

Student lightening talks

Presenter	Institute	
Chao (Chris) Yan	CNIC	
Weishan Liu	Jilin Univ.	
Xin Xu	CNIC	
Fuyumasa Takatsu	Tsukuba Univ.	
Hiroki Ohtsuji	Tsukuba Univ.	
Yi Shen CNIC		
Xieming Li	Tsukuba Univ.	
Quan (Gabriel) Zhou Indiana Univ		
Khureltulga Dashdavva	Osaka U	
U-Chupala Pongsakorn	AIST	
Fuyumasa Takatsu Hiroki Ohtsuji Yi Shen Xieming Li Quan (Gabriel) Zhou Khureltulga Dashdavva	Tsukuba Univ. Tsukuba Univ. CNIC Tsukuba Univ. Indiana Univ. Osaka U	

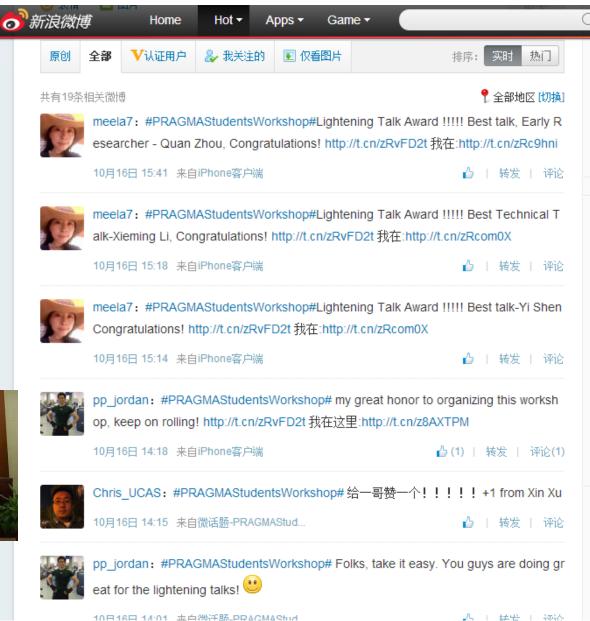
## Accepted Posters for PRAGMA25

Primary Author	Institute	Title
Meilan Jiang	Konkuk University	Developing framework for real-time runable prediction model
		Project Overview: Development of Technology for Predicting and Forecasting System of
Daeyoung Heo	Kookmin University	Urban Ecology on Meteorological Changing
Danisanallas	Kaalusia Hairaasita	Active Folder: Integrating all activities of simulation on NAS(Network Attached Storage)
Daeyoung Heo Putchong Uthayopas	Kookmin University Kasetsart University	device Cloud Based Monitoring Service for PRAGMA SDN testbed
	·	
Hongliang Li	Jilin University	OpenProbe: A Platform of Geoscience Data Interpretation and Visualization
Yuan Luo	Indiana University	Network Transfer over Pacific Rim on PRAGMA Cloud: Performance and Tuning
Chao Yan	CNIC, CAS	Physarum-based network optimization
Quan Zhou	Indiana University	Provenance Collection of Biodiversity Analysis on PRAGMA Cloud for Data Sharing
Weishan Li	Jilin Univeristy	Extending TOUGHREACT simulator capability using parallel computing
Yi Shen	CNIC	Discovering and Analyzing the Fake Followers in Micro-blogging System via Machine Learning Methods
Xin Xu	CNIC	Duckling Falcon and Cloud Foundry
Dong Kejun	CNIC	A Design and Implementation of Hadoop Distributed File System Resource Manager
Yoshiyuki Kido	Osaka University	Tiled Display Wall with Network Buffering Mechanism for Network Fault Avoidance
Hiroki Ohtsuji	University of Tsukuba	Optimized Communication Layer for Exa-scale Storage Systems
Fuyumasa TAKATSU	Univ. of Tsukuba	Design of Object Storage for ioDrive
Weicheng Huang	NCHC	The Bits and Bobs of Cloud Middleware Ezilla, part I - the file system
Xieming Li	Tsukuba University	Design of Data-Aware Task Scheduler
Hoon Ryu	KISTI	EDISON Science Gateway: Computational Fluid Dynamics
Hoon Ryu	KISTI	EDISON Science Gateway: Computational Chemistry
Hoon Ryu	KISTI	EDISON Science Gateway: Computational Nanoelectronics
Khureltulga Dashdavaa	Osaka University	Experience and Expertise of Designing SDN MPI-Bcast
	National Center for High-	
Whey-Fone Tsai		Disaster Management Information Platform and Applications
Renato Figueiredo	University of Florida	IP-over-P2P Overlays and Applications
	141140C D.	Preliminary Study of Two Distributed File Systems for Cloud Infrastructure Storage: Ceph vs
Mohd Bazli Ab Karim	MIMOS Berhad, Malaysia	GlusterF5

# Live Weibo streaming during the students workshop







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