



## ISET2015 Program Overview

<b>Day 1: 17 July 2015</b>		
8.00 – 9.00	Registration	(Ballroom AB)
9.00 – 10.00	Opening ceremony	(Ballroom AB)
10.00 – 10.20	Tea break	(Ballroom AB)
10.20 – 12.00	Plenary session: Prof. Dr.Kenneth Tobin	(Ballroom AB)
12.00 – 13.00	Lunch	(Ballroom AB)
13.00 – 14.00	Keynote 1: Assoc.Prof.Dr.Ravinder Koul	(Ballroom AB)
14.00 – 14.20	Tea break	(Ballroom AB)
14.20 – 16.00	Concurrent sessions 1	See detailed program
16.00 – 18.00	SEAT annual meeting	
18.00 - 21.00	Welcome reception party	
<b>Day 2: 18 July 2015</b>		
8.00 – 8.45	Registration	(Ballroom BC)
8.45 – 9.45	Keynote 2: Prof.Dr.John Williams	(Ballroom BC)
9.45 – 10.00	Tea break	(Ballroom BC)
10.00 – 11.40	Concurrent sessions 2	See detailed program
11.40 – 12.40	Lunch	(Ballroom BC)
12.40 – 13.40	Poster Presentations	(Ballroom C)
13.40 – 14.40	Keynote 3: Dr.Mark Windale	(Ballroom BC)
14.40 – 15.00	Tea break	
15.00 – 16.40	Concurrent sessions 3/Workshop	See detailed program
16.40 – 22.00	Excursion: River Cruise Chaophraya River	
<b>Day 3: 19 July 2015</b>		
9.00 – 10.00	Keynote 4: Chan-Jong Kim	(Ballroom BC)
10.00 – 10.20	Tea break	(Ballroom BC)
10.20 – 12.00	Concurrent sessions 4	See detailed program
12.00 – 13.00	Lunch	(Ballroom BC)
13.00 – 14.30	Keynote 5: Prof.Dr.Luo Xingkai	(Ballroom B)
13.30 – 14.00	Keynote 6: Assist.Prof.Dr.Chatree Faikhamta	(Ballroom B)
14.00 – 14.20	Tea break	(Ballroom BC)
14.20 – 15.30	Closing ceremony and giving Best Presentation Awards	(Ballroom BC)



## Detailed Program

### Day 1: 17 July 2015

Time and Venue		
8.00 – 9.00	Registration	
9.00 – 10.00	Opening ceremony	
10.00 – 10.20	Tea break	
<b>10.20 – 12.00</b>	<b>Plenary session: Prof.Dr. Kenneth Tobin</b> <b>Transforming Science Education to Afford Mindful, Harmonious, and Healthy Lifestyles</b>	
12.00 – 13.00	Lunch	
<b>13.00 – 14.00</b>	<b>Keynote 1: Assoc.Prof.Ravinder Koul</b> <b>Motivational Perspectives on Issues of Equity in STEM Education</b>	
14.00 – 14.20	Tea break	
<b>14.20 – 16.00</b>	<b>Concurrent sessions 1</b>	
	<b>Paper Title</b>	<b>Authors</b>
<b>Concurrent 1.1</b> 14.20 – 16.00 Ballroom A	Pre-service Chemistry Teachers' Pedagogical Content Knowledge in Thai Classroom: Perception and Practice	Watinee Udomkun and Paisan Suwannoi
	Exploring Social Media Use in Preservice Teachers' Science Learning	Wendy Nielsen, Rachel Moll, and Garry Hoban
	Khamnadeepittayakom Science Teachers' Concepts of Nature of Science (NOS) and Attitudes toward Teaching NOS	Chaiphichit Warasith and Chokchai Yuenyong
	Chemistry Laboratory Learning Environment Inventory for Upper Secondary Educational Students in Mahawichakul School in the Secondary Educational Service Area Office 26	Supranee Aengsutha, Toansakul Santiboon, and Panwilai Chomchid
<b>Concurrent 1.2</b> 14.20 – 16.20 Ballroom B	Using Blended Mobile Learning Model for Learning on Tablets through Local Science Learning Stations in Sa Kaeo Province, Thailand	Chaninan Pruekpramool, Gwo-Jen Hwang, Theerapong Sangpradit, and Pinit Khumwong
	Scientific Knowledge Application and Problem Solving Ability: A Case Study in Grade 9 students	Krislada Chusinkunawut, Kulthida Nugulthum, and Tussatrin Wannagatesiri
	Inquiry-based Learning and Visualization Media for Teaching Nervous System Concepts	Pichaya Sitthichai, Jeerawan Ketsing, and Saman Kaewwaiyut
	Explore the Impact of Augmented Reality on Astronomy Learning from Teachers' Perspective	Chih-Hung Lai, Guan Yu Chen, and Jing-San Liang
	Ways of Using Inquiry-based Learning with Analogical Technique to Develop Grade-10 Students' Scientific Creativity in the Topic of Chemical Bonding	Titaya Khumkhuana , Ekgapoom Jantarakanteea , Pakorn Wattana-amornb



## Day 1: 17 July 2015

Time and Venue	Paper Title	Authors
<b>Concurrent 1.3</b> 14.20 – 16.00 Ruapanya 3	The Study of Argumentation and Socio-Scientific Issues in Physics Lessons on High Schools' Informal Reasoning of Grade 10 <sup>th</sup> Students	Prapa Somsuk, Kamonwan Kanyaprasith, and Nason Phonphok
	Nature of Classroom Environment and Achievement in Integrated Science: A Test of Efficacy of a Constructivist Instructional Students on Science Classroom Learning Environments at Grade 10 in Wat Sathong Municipal School	Atipong Sangrat, Toansakul Santiboon, and Panwilai Chomchid
	Developing STS Nuclear Energy Unit for Providing Students' Perception of the Relationship between Science Technology Engineering and Mathematics	Chonlada Sritaweekart, and Chokchai Yuenyong
	Assessing Classroom Climates on Physics Classroom Learning Environment Inventory of Students' Perceptions in Upper Secondary Educational Students at Grade 10 in Chiang Yean Pittayakom School	Orawan Sasrisao, Toansakul Santiboon, and Panwilai Chomchid
<b>Concurrent 1.4</b> 14.20 – 16.20 Ruapanya 2	Inquiry Experiment for Changing an Alternative Concept of the Temperature Effect on the Reaction Rate	Usa Jeenjenkit
	Investigate Grade 7 Students' Knowledge Construction about Diffusion and Osmosis	Phattaraporn Pondee and Chokchai Yuenyong
	The Study of Conceptual Understanding and Intrinsic Motivation of Grade 11 Students through Flipped Classroom Method in Acid and Base	Phatcharaphorn Khareram and Jiradawan Huntula
	Language and Culture for Science Teacher Students Classroom Environment in A University in Thailand	Toansakul Santiboon, Sarawut Wongwipath, and Panwilai Chomchid
	Synthesis the Metacognitive Development Process (MDP) for Students' Metacognition Improving in Science Learning	Warawun Chantharanuwong



## Day 1: 17 July 2015

Time and Venue	Paper Title	Authors
<b>Concurrent 1.5</b> 14.20 – 16.20 Ruapanya 1	Using small scale chemistry for studying the solubility rules of cation and anion	Chatuporn Sawatruksa
	Teaching Basic Vector Concept: Effectiveness of Worksheet Design	Karnpitcha Bunrangsri and Umporn Wutchana
	The Relationships between Students' Perceptions of their Science Classroom Environments and their Attitudes Toward Science at Grade 9 on Meteorology Science Classes in Wapipatum School	Natnaree Jaramrum, Toansakul Santiboon, and Panwilai Chomchid
	Earth Science Laboratory Environment Inventory for Secondary Educational Students in Mahawichakul School	Nopphadon Manolai, Toansakul Santiboon, and Panwilai Chomchid
	Co-generative dialogue effects on understanding of the scientific model	Ji yoon Kim, Chan-Jong Kim, Seung Urn Choe and Jun tae-won

## Day 2: 18 July 2015

Time and Venue		
8.00 – 8.45	Registration	
8.45 – 9.45	<b>Keynote 2: Prof.Dr. John Williams</b>	
9.45 – 10.00	Tea break	
10.00 – 12.00	<b>Concurrent sessions 2</b>	
<b>Concurrent 2.1</b> (Symposium) 10.00 – 12.00 Ballroom B	Paper Title	Authors
	Exploring the strategies for solving the standardized test questions on the topic of Earth science	Li-Ling Chen, Fang-Ying Yang, and Hsiu-Ling Wang
	Looking communication in science classes through "the microscope"	Takashi Ito
	Development and Validation of the Self-efficacy of Scientific Practices Questionnaire	Yuzhen Liu, Te-Lien Chou, Chi Chi, and Sufen Chen
	Aspects and use of Constraints in the Scientific Model formation of Gwanak mountain among gifted middle school students	Yoon-Sung Choi, Seung-Urn Choe, Chan-Jong Kim, and Jong-Rim Choi
Science classroom action research: A journey from within	Jeerawan Ketsing	



## Day 2: 18 July 2015

Time and Venue	Concurrent sessions 2 Paper Title	Authors
<b>Concurrent 2.2</b> 10.00 – 12.00 Ruapanya 3	Exploring the Relationship between High School Students' Conceptions of and Approaches to Learning in Biology	Yi-Lun Syu and Min-Hsien Lee
	Identification of Innovator Characteristics and Learning Approaches to Promote the Innovator Characteristic in a Basic Education Level: A Thailand Perspective	Kamol Kaewon, Pinit Khumwong, Nason Phonphok, and Apisit Tongchai
	The Impact of Teacher-Student Interaction on Student Achievements in Biology Classroom Learning Environments in RajabhatMahaSarakhm University Demonstration School	Preeyaporn Prakobserm,Toansakul Santiboon,and Panwilai Chomchid
	Exploring the influence of school management on the "achievement goal orientation" of grade 10 South Africa physical sciences learners	Umesh Ramnarain and Patricia Chisveto

## Day 2: 18 July 2015

Time and Venue	Concurrent sessions 2 Paper Title	Authors
<b>Concurrent 2.3</b> 10.00 – 12.00 Ruapanya 2	Grade 7 Thai Students' Existing Ideas about Force	Pattreeya Taweechit and Chokchai Yuenyong
	Psychosocial Environment of Science Laboratory Classroom Inventory for Lower Secondary Educational Students at Grade 8 in Wapipatum School	Nootchanard Waidee, Toansakul Santiboon, and Panwilai Chomchid
	A Variety of the ICEQ Instrument for Assessing Distinct Aspects of the Chemistry Classroom Climates in Tenth-Grade in Khattiyawongsa School	Isara Boonyatipitak, Toansakul Santiboon, and Panwilai Chomchid
	Effect of The 3P Science Project Instructional Model on Creative Problem Solving Ability of The Eighth Grade Students	Yupapun Minwong, Sunee Haemaprasith, and Theerapong Sangpradit



## Day 2: 18 July 2015

Time and Venue	Concurrent sessions 2 Paper Title	Authors
<b>Concurrent 2.4</b> 10.00 – 12.00 Ruapanya 1	Combining Context-aware Ubiquitous Learning and Computer Simulation: A Lesson Learned in Elementary Science Education	Kowit Kongpet, Komkat Meuansechai, Witcha Feungchan, and Niwat Srisawasdi
	Context-Based Learning Model: CBLM as a Tool for Promoting Science Communication Abilities and Learning Achievement	Nutthanichchaya Kullatatt, Chanyah Dahsah, Somson Wongyounoi, and Prasong Mateapinitkul
	Ninth Grade Students' Argumentation Skills Relating to Socio-scientific Issues	Pawinee Rattanakorn and Nantaratt Kruea-In
	How to Use Social Media to Promote Pre-Serviced Science Teachers Using Socio-scientific Issue (SSI) Based Teaching in Real Science Classroom	Sasitthep Pitipornatapin and Deanna Marie Lankford

## Day 2: 18 July 2015

Time and Venue		
13.40 – 14.40	<b>Keynote 3: Dr. Mark Windale</b> <b>Challenges and Successes in Inquiry-based Teaching and Learning</b>	
15.00 – 16.40	<b>Concurrent sessions 3</b> <b>Paper Title</b>	<b>Authors</b>
<b>Concurrent 3.1</b> 15.00 – 16.40 Ruapanya 3	An Application of the Science lesson Plans by Primary School Teachers: A Lesson Study	Pornpaka Chamnanwong, Toshinobu Hatanaka, and Kongsak Thathong
	Pre-service Science Teachers' Perception of Constructivist Teaching	Warangkana Thongnoppakun and Chokchai Yuenyong
	Using the WIHIC Questionnaire for Assessment of Students' Perceptions of their Chemistry Learning Classes in Rajabhat Maha Sarakham University Demonstration School	Monwipha Mueangprafang, Toansakul Santiboon, and Panwilai Chomchid
	A Virtual Environment for Investigating Students' Performance of Learning Science Education	Chiu-Jung Chen, Pei-Lin Liu



## Day 2: 18 July 2015

15.00 – 16.40	<b>Concurrent sessions 3</b>	
	<b>Paper Title</b>	<b>Authors</b>
<b>Concurrent 3.2</b> 15.00 – 16.40 Ruapanya 2	Enhancing Teachers' Knowledge about Constructivist Chemistry Learning Environment	Niphawan Talabthong and Chokchai Yuenyong
	Physics Laboratory Environment Classes and Academic Performances for Upper Educational Students at Grade 11 in Rajabhat Maha Sarakham University Demonstration School	Wiphaphron Phanphrom, Toansakul Santiboon, and Panwilai Chomchid
	Upper Secondary Educational Biology Students' Learning Environment and Satisfaction in Wapipatum School in the Secondary Educational Service Area Office 26	Atipong Phukaokaew, Toansakul Santiboon, and Panwilai Chomchid
	Thai Students' Concepts of Nature of Science (NOS) and Attitudes toward Teaching NOS	Nakhonrat Tianphet and Chokchai Yuenyong
<b>Concurrent 3.4 (symposium)</b> 15.00 – 16.40 Ballroom B	A Qualitative Study on Eye-tracking Analysis of Physics Problem Solving	Eizo Ohno, Atsushi Shimojo, and Michiru Iwata
	Class of TSUNAMI disaster prevention with an experimental device to cause TSUNAMI	Chihiro Sakai
	Using positionality theory to examine home/school engagement for multicultural students and families in Korea: Implications for the development of positive science learning identities	Jennifer Park
	Multilevel Factors Influencing Grade 8 Students' Science Achievement in Asian and ASEAN Countries	Pongprapan Pongsophon
	Complex System Modeling about Development of Student' Interest in Science	Seung-Urn Choe, Jong-Rim Choi, and Chan-Jong Kim
<b>Workshop</b> 15.00 – 16.40 Ballroom C	To be announced	Prof.Dr.Luo Xingkai



## Day 3: 19 July 2015

Time and Venue		
9.00 – 10.00	<b>Keynote 4: Prof.Dr. Chan-Jong Kim</b> Towards Scientific Modeling Practice in Korean Science Classrooms	
10.00 – 10.20	Tea break	
10.20 – 12.00	<b>Concurrent sessions 4</b>	
	<b>Paper Title</b>	<b>Authors</b>
<b>Concurrent 4.1</b> 10.20 – 12.00 Ballroom B	The Effects Of Augmented Reality Simulation With Model-Based Inquiry (MBI) In The Solar System Of Grade 10 Students	Paksa Janwao and Jiradawan Huntura
	Effect of Problem-based Learning and Serious Game on Students' Scientific Knowledge about Vitamins and Learning Perception	Marisa Hiangsa, Theerawat Maturos, Witcha Feungchan, and Niwat Srisawasdi
	Differences in information seeking between experts and novices in Google search	Hsieh Ting Ru, Chiang Hsin Chih, Kao, G. Y. M., Tsai, M.-J.
	The use of simulations in supporting grade 10 South African learners to eliminate their misconceptions on simple electric circuit	Umesh Ramnarain and Patricia Chisveto
<b>Concurrent 4.2</b> 10.20 – 12.00 Ballroom C	Exploring In-service Science Teachers' Perceptions toward Educational Digital Game and Preferences for Digital Game-based Learning	Chatsuda Udomrat, Ugyen Dorji, Patcharin Panjaburee, and Niwat Srisawasdi
	Investigation of Constructivist Science Learning Environment in Chemistry Laboratory	Sukanya Sutaphan and Chokchai Yuenyong
	An Application of the Questionnaire on Teacher Interaction in Physics Laboratory Classroom Learning Environments for Upper Secondary Educational Students at Grade 10 in ThakhonyangPittayakom School	Siriwan Yaitoi, Toansakul Santiboon, and Panwilai Chomchid
	Application of the WHIC in a Study on Biology Classroom Learning Environments at Twelfth-Grade in ThakhonyangPittayakom School	Sarawut Wongwipath, Toansakul Santiboon, and Panwilai Chomchid





### Day 3: 19 July 2015

Time and Venue	Concurrent sessions 4 Paper Title	Authors
<b>Concurrent 4.3</b> <b>10.20 – 12.00</b> Ruapanya 3	A Science Teacher's Developing Lesson plan by Using Content Representation (CoRe) of Pedagogical Content Knowledge	Yupakorn Chaikaew and Chokchai Yuenyong
	Enhancing Beginning Chemistry Teachers' Pedagogical Content Knowledge for Teaching the Nature of Science through Classroom Action Research	Surayot Supprakob, Chatree Faikhamta, and Potjanart Suwanruji
	Measuring TPCK Confidence and Critiquing Lesson Plans of Pre-service Science Teachers through TPCK Criterion-based Approach	Pruek Prongsamrong and Tussatrin Wannagatesiri
	Constructing CoRe and PaP-eRs for Primary science teachers' development the Pedagogical Content Knowledge	Boonliang Chordnork and Chokchai Yuenyong
<b>Concurrent 4.4</b> <b>10.20 – 12.00</b> Ruapanya 2	The Evaluation of Teachers' Academic Position Promotion in Thailand: Are there any considerations of Constructivist Practices?	Chontawat Meedee and Chokchai Yuenyong
	Case Study of Expert Science Teachers' Learning about Knowledge of Students' Understanding	Tippawan Srisuk and Chokchai Yuenyong
	Associations between Students' Perceptions of their Science Classroom Environments and their Attitudes Toward Science Classes at Grade 9 in BuraphaPittayakharn Municipal School	Piyarat Tumtard, Toansakul Santiboon, and Panwilai Chomchid
	Science Classroom Learning Environment Managements for Lower Secondary Educational Students at Grade 8 in Mittrapab School in the Secondary Educational Service Area Office 26	Supawan Polrueang, Toansakul Santiboon, and Panwilai Chomchid



### Day 3: 19 July 2015

Time and Venue	Concurrent sessions 4 Paper Title	Authors
<b>Concurrent 4.4</b> <b>10.20 – 12.00</b> Ruapanya 1	The Assessment of Needs for Development of a STEM Integrated Curriculum on “Sugarcane”	Sirilak Chaolumbua, Sunee Heamaprasit, and Kamonwan Kanyaprasith
	Upper Secondary Educational Students’ Perceptions of their Biology Classroom Learning Environments at Grade 10 in ThakhonyangPittayakom School	Titima Panyong, Toansakul Santiboon, and Panwilai Chomchid
	Assessment of Chemistry Classroom Learning Environments for Upper Secondary Educational Students at Grade 10 in Chiang Yean Pittayakom in the Secondary Educational Service Area Office 26	Sopida Senanorit, Toansakul Santiboon, and Panwilai Chomchid
	Chiang Mai secondary school science teachers’perceptions toward science learning management integrated to information literacy in science classroom	Sarali Poochai and Chaninan Pruekpramool
<b>13.00 – 14.30</b> <b>Ballroom B</b>	<b>Keynote 5: Prof.Dr.Luo Xingkai</b> <b>Developing STEM Learning Activities for a Large-scale &amp; Reliable Performance-based Assessment</b>	
<b>13.30 – 14.00</b> <b>Ballroom B</b>	<b>Keynote 6: Asst.Prof.Dr.Chatree Faikhamta</b> <b>Teachers’ Pedagogical Content Knowledge for Teaching the Nature of Science</b>	
14.00 – 14.20	Tea break	
14.20 – 15.30	Closing ceremony and giving Best presentation awards (Ballroom BC)	



## Poster Sessions

**Day 2: 18 July 2015, 12.40 – 13.40**

**Ballroom C**

Poster Number	Paper Title	Authors
P1	Analyzing teaching practices using RTOP and SLOP observational tools: Implications for the inclusion of culturally and linguistically diverse students in Korean science classrooms.	Jennifer Park, Wanjoo Ahn, and Sonya N. Martin
P2	Aspects and use of Constraints in the Scientific Model formation of Gwanak mountain among gifted middle school students	Yoon-Sung Choi, Seung-Urn Choe, and Chan-Jong Kim
P3	The roles of conformity and learning anxiety on intrinsic and extrinsic motivation in Facebook	Jerry Chih-Yuan Sun, Yun-Ru Syu, Yu-Yan Lin
P4	The Study of Grade 7 Mental Model about Properties of Gas in Science Learning through Model Based Inquiry (MBI)	Pannida Meela and Chokchai Yuenyong
P5	Factors Influencing Students' Perceptions of their Teacher Interpersonal Behaviors in Chemistry Classroom Learning Environments in Sarakham Pittayakom School	Kornkanok Khaokaew, Toansakul Santiboon, and Panwilai Chomchid
P6	My Actual and Preferred Class Inventories for Chemistry Classroom Learning Climate on Upper Secondary Educational Students at Grade 10 in Thakhonyang Pittayakom School	Kantima Sawangwong, Toansakul Santiboon, and Panpilai Chomchid
P7	Assessment and Investigation of Constructivist Biology Laboratory Classroom Learning Environments in Srinakarindra the Princess Mother Somdej Roi-Et, Patronage of Her Royal Highness Maha Chakri Sirindhorn School	JatupornVeansri, Toanskul Santiboon, and Panwilai Chomchid
P8	Science Laboratory Environment Inventory for Lower Secondary Educational Students at Grade 9 in Mahawichakul School	Jeeraphom Sarabun, Toansakun Santiboon, and Panwilai Chomchid
P9	Investigations on Physics Classroom Learning Environments for Upper Secondary Educational Students at Grade 10 in Burapha Pittayakharn Municipal School	Chanidapha Kopolrat, Toansakul Santiboon, and Panwilai Chomchid
P10	Validity and Use of Individualized Classroom Environment Questionnaire for Assessing Physics Classroom Learning Environments at Eleventh-Grade in Borabu Pittayakhan School	Piyanut Chaiyaphon, Toansakul Santiboon, and Panwilai Chomchid



**Day 2: 18 July 2015, 12.40 – 13.40**

**Ballroom C**

Poster Number	Paper Title	Authors
P11	Constructivist Learning Environments in Upper Secondary Educational Biology Students at Grade 10 in Burapha Pittayakharn Municipal School	Phakamat Sangsai, Toansakul Santiboon, and Panwilai Chomchid
P12	Biology Classroom Learning Climate Managements for Upper Secondary Educational Students at Grade 12 in Chiang Yean Pitthayakhom School	Pornnapha Wichachai, Toansakul Santiboon and Panwilai Chomchid
P13	Application of the ICEQ for Improving Biology Students' Learning Achievements at Tenth-Grade in Biology Classroom Learning Environments in Wat Sathong Municipal School	Siwanat Ninsu, Toansakul Santiboon, and Panwilai Chomchid
P14	The Impact of Systemic Reform Efforts in Promoting Constructivist Approaches in Physics Classroom Learning Environment in Thakhonyang Pittayakom School	Salinee Sunwang, Toansakul Santiboon, and Panwilai Chomchid
P15	Influence of Science Classroom Learning Environments and Achievements Level on Integrated Science Students' Perception of their Classes in Burapha Pittayakhan Municipal School	Utumphorn Anamart, Toansakul Santiboon, and Panwilai Chomchid
P16	Students' Perceptions of their Satisfactions to their Chemistry Laboratory Classroom Learning Environment Inventory for Upper Secondary Educational Students at Grade 10 in Roi-Et Wittayalai School	Chatchai Netakham, Toansakul Santiboon, and Panwilai Chomchid
P17	Creating and Assessing Positive Physics Classroom Learning Environments in Eleventh Grade at Borabu Pittayakhan School in the Secondary Educational Service Area Office 26	Weerayut Taodee, Toansakul Santiboon, and Panwilai Chomchid
P18	Grade 9 Students' Perception about Personal Relevance on Learning Science	Nattapong Songumpai and Chokchai Yuenyong
P19	The Chemistry of Pim-Saen-Nam	Duangkhae Srikun
P20	Grade 10 students' view on Science Technology Engineering Mathematic integration in learning about Circular Motion through Yuenyong (2006) Science Technology Society approach (STS approach)	Prapatsorn Seath and Chokchai Yuenyong
P21	Developing Kanaratbumrung Pathumthani (KP) Model to Teach Science Project in Science Classroom of Kanaratbumrung Pathumthani School	Eakasit Piyasangtong and Sasitthep Pitiporntapin



**Day 2: 18 July 2015, 12.40 – 13.40**

**Ballroom C**

Poster Number	Paper Title	Authors
P22	The relationships between science majored students' conceptions of physics problem-solving and their physics learning self-efficacy	Pei-Chen Lu, Hsuang-Yu Li, Ting-An Yeh, Jyh-Chong Liang, and Chin-Chung Tsai
P23	University students' Physics problem-solving: the commonalities and dissonances between Physics majors and other science majors	Ting-An Yeh, Jyh-Chong Liang and Chin-Chung Tsai
P24	A pilot study on the development of correspondence enrichment programs in science for gifted young children in a rural area	Tamayama Shinsho and Sumida Manabu
P25	Investigating how students use voting results aggregated by clickers to participate in peer discussion	Yu-Ta Chien, Chun-Yen Chang, Yu-Hsien Lee, Tsung-Yen Li, Eizo Ohno
P26	Best Practices for Enhancing Bachelor Science Student's Learning Achievements in Basic Scientific Research Methods through Constructivist-Based Teaching	Wirasak Funghuang, Sasitthep Pitipornatapin, Pramote Chumnannuen, Nopparat Srakaew, Sroisuda Chotimanukul, and Uthaiwan Kovitvadh
P27	Developing Project-Based Teaching Practices for Increasing Pre-Service Science Teachers' Positive Attitudes towards Science Projects	Sasitthep Pitipornatapin and Orawan Kuhapensang

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