

2007 WORLD CONFERENCE ON SCIENCE & TECHNOLOGY EDUCATION

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CONASTA 56 ICASE2007

8-12 July 2007

Perth, Western Australia

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Conference Program



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Department of
Industry and Resources

THURSDAY, 12 JULY

M3	G20	Mr Fred Deshon <i>SPICE (UWA)</i> Connecting Students to Frontier Science at the Gravity Discovery Centre	Workshop
M5	G21	Dr Jaya Earnest <i>Curtin University of Technology</i> International Perspectives on Science and Technology Teacher Education: Case Studies from Countries in Transition	Workshop
M14	G22	Ms Merrin Evergreen <i>St Leonard's College</i> Sing a Little, Play a Little, Laugh a lot - Learning in Science can be fun!	Workshop
M1	G23	Mr Steve Garrett Agarose Gel Electrophoresis - From Shoestring to Modern Technology	Workshop
M6	G24	Ms Jenny Gull <i>SPICE (UWA)</i> Probe SPICE's Data Logging Opportunities	Workshop
M13	G25	Dr Donatus Igbokwe <i>University of Uyo, Nigeria</i> Enhancing Professional Teacher Competencies in Teaching Basic Operations On Fractions	Workshop
M18	G26	Dr Ron Martin <i>Australian Council for Educational Research</i> PISA Science: Theory and Practice	Workshop
M16	G27	Dr Walter Smith <i>Texas Tech University, USA</i> Projects Linking Children Globally in Exemplary Science and Technology Instruction	Workshop
M12	G28	Dr Sue Dale Tunnicliffe <i>Institute of Education University of London</i> The Shape Sequence - Planning, Doing and Recording Science Investigations	Workshop
M10	G29	Mr Eric Walters <i>Marymount School of New York, USA</i> Ready! Set! Integrate! Enhancing Your K-12 Science Curriculum with Technology	Workshop
M9	G30	Dr Kate List, Ms Shona Blewett <i>Geoscience Australia</i> Shake, Rattle and Roll - Teaching Earth Forces and Processes in the Science Classroom	Workshop
L19RM18	G31	Peter Smith Experience eLab – the Award Winning Renewable Energy Exploration System from LEGO Education.	Workshop
M17	G32	Dr Chris Creagh <i>Murdoch University</i> Future Landscapes: Visions of a Sustainable Future	Workshop

1230	1330	LUNCH (SPONSORED BY 3B SCIENTIFIC)	
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SESSION H TIME: 1330-1500

Golden Ballroom Central	H1	Prof. David Blair <i>University of Western Australia</i> Science Education at the Frontiers of Physics	Highlighted Speaker
Golden Ballroom South	H2	Dr Robin Warren <i>Nobel Laureate, Conference PATRON, WA</i> A Fireside Chat with Nobel Laureate, Dr Robin Warren	Highlighted Speaker
Golden Ballroom North	H3	Panel Session The Way Forward - Conclusions about Worldwide Issues for Science Education	Panel
Goldsworthy	H5a	Dr James McDonald <i>Central Michigan University, USA</i> Enhance Science Instruction through Problem-Based Learning	Seminar
Goldsworthy	H5b	Mr Simon Peter Taylor <i>University of Waikato, New Zealand</i> Gifted and Talented Students in Science-Enhancing Creativity in our Students - "What can we do?"	Seminar
M1	H6a	Ms Felicity Waring <i>Walpole Primary School</i> Award Winning Education Program 'UR WALPOLE'	Seminar
M1	H6b	Mr Allan Whitcome <i>Badgingarra Primary School</i> Bush Science with Technology, Enterprise & Environmental Education	Seminar
M12	H7a	Mr Craig Cormick <i>Biotechnology Australia</i> Biotechnology goes to the Movies	Seminar
M12	H7b	Mr Mario Zadnik <i>School of Computer Science & Software Engineering, UWA</i> Thermal Concept Evaluation: Assessing students' Understandings of Introductory Thermodynamic Concepts	Seminar
M3	H8a	Mr Des Matejka <i>ACU National</i> Digital Media Learning Sequence - Engaging the Gifted & Talented Aboriginal Child & Developing Self-efficacy	Seminar
M3	H8b	Miss Hannah Nagle <i>WA</i> Exploring how using Interactive Whiteboards in Teaching Engages Indigenous Students in a Remote Community Setting	Seminar
M4	H9a	Mr Howard Flinders <i>Department of Education & Training</i> The Sustainable Schools Initiative in WA (AuSSI-WA)	Seminar
M4	H9b	Dr Susan Burr <i>University of Strathclyde, UK</i> Scottish Science Education: The Challenges of the Future	Seminar
M13	H10a	Dr Ida Karnasih <i>Seameo Recsam, Malaysia</i> Enhancing Mathematical Power through the use of ICT in the Mathematics Classroom	Seminar
M13	H10b	Mr Ron Heales <i>Aviation High</i> Establishing a School with an Aerospace Curriculum	Seminar