

SYMPOSIUMS

SESSION/ DATE	TITLE SYMPOSIUM/	CHAIR
OC1.1 (SYMPOSIUM) Wednesday 7thSeptember 14:15 h -15:45 h	TOWARDS <i>MORE</i> RELEVANT CHEMISTRY EDUCATION	Ingo Eilks, University of Bremen, Germany and Avi Hofstein, The Weizmann Institute of Science, Israel
INCLUDES 5 COMMUNICATIONS:		
TITLTE		AUTORS
TOWARDS ECO-REFLEXIVE AND TRANSFORMATIVE LEARNING IN CHEMISTRY EDUCATION		Jesper Sjöström, Malmö University, Sweden
MEDICINES IN MY LIFE: AN AUTHENTIC CONTEXTUALISED MODULE FOR PUPILS AND TEACHERS		Sarah M. Hayes, University of Limerick, Ireland
FROM STUDENTS' CHEMISTRY INTEREST IN INTERNET FORUMS TO CLASSROOM PRACTICE		Johanna Dittmar and Ingo Eilks, University of Bremen, Germany
THE EFFECT OF TEACHING A RELEVANT-TYPE APPROACH OF THE TOPIC ACIDS AND BASES ON: 10TH GRADE STUDENTS' ATTITUDES, ACHIEVEMENT AND MOTIVATION		Muhamad Hugerat, The Academic Arab College for Education, Israel
DIRECTIONS AND OBSTACLES REGARDING RESEARCH, DEVELOPMENT, AND PRACTICE FOR		Avi Hofstein, The Weizmann Institute of Science, Israel and Ingo Eilks, , University of Bremen, Germany

RELEVANT CHEMISTRY EDUCATION		
SESSION/ DATE	TITLE SYMPOSIUM	CHAIR
OC4.1 (SYMPOSIUM) Thursday 8th September 14:15 h -15:45 h	TEACHER TRAINING MADE IRRESISTIBLE	Sevil Akaygun, Bogazici University, Turkey
INCLUDES 4 COMMUNICATIONS:		
TITLTE		AUTORS
UNDERSTANDING RESPONSIBLE RESEARCH AND INNOVATION: PERSPECTIVE OF TEACHERS		Jesper Sjöström, Malmö University, Sweden Sevil Akaygun And Emine Adadan, Bogazici University, Turkey
SCIENCE TEACHERS' TRAINING IN IMPLEMENTING CUTTING-EDGE RESEARCH TOPICS IN SCIENCE CLASSES		Katerina Salta, Emily Michailidi and Dimitris Stavrou, University of Crete, Greece
THE USE OF A COMMUNITY OF LEARNERS AS A PROFESSIONALIZATION TOOL		Iwona Maciejowska, Malgorzata Kzeckowska Jagiellonian University, Krakow
TEACHERS' CONCERN PROFILES IN TEACHING RESPONSIBLE RESEARCH AND INNOVATION		Miikka de Vocht, Antti Laherto, University of Helsinki, Findland and Ilka Parchamann, University of Kiel, Germany
SESSION/ DATE	TITLE SYMPOSIUM/	CHAIR
OC7.1 (SYMPOSIUM) Friday 9th September 14:15 h -15:45 h	THE IRRESISTIBLE WAY TO ENGAGE SCHOOL STUDENTS WITH RRI	Jan Apotheker, University of Groningen

INCLUDES 5 COMMUNICATIONS:		
TITLTE	AUTORS	
THE PROJECT IRRESISTIBLE: INTRODUCING RESPONSIBLE RESEARCH AND INNOVATION INTO THE SECONDARY SCHOOL CLASSROOM.	Jan Apotheker, University of Groningen	
THE RATIONALE OF RESPONSIBLE RESEARCH AND INNOVATION (RRI) IN SCIENCE EDUCATION	Ron Blonder, Shelley and Sherman Rosenfeld, Weizmann Institute of Science, Israel	
IRRESISTIBLE EXHIBITIONS ON RESPONSIBLE RESEARCH AND INNOVATION: THE IMPACT OF THE PROCESS OF EXHIBITION DEVELOPMENT ON BOTH STUDENTS AND TEACHERS	Rita Marques, Patrícia Azinhaga, Pedro Reis, Elisabete Linhares and Mónica Baptista, Lisbon University, Portugal	
EXPLORING STUDENTS' MOTIVATION WHILE CREATING A STUDENT CURATED EXHIBITION	Lorenz Kampschulte, Daniela Ingwersen, and Ilka Parchmann, Leibniz Institute for Science and Mathematics Education, Germany	
EXPLORING STUDENTS' ATTITUDES TOWARD RESPONSIBLE RESEARCH AND INNOVATION IN THE CONTEXT OF NANOTECHNOLOGY APPLICATIONS MODULE	Emine Adadan, Sevil Akaygun Bogazici University, Turkey	
SESSION/ DATE	TITLE SYMPOSIUM	CHAIR
OC9.1 (SYMPOSIUM) Thursday	LANGUAGE AND CHEMISTRY	Silvija Markic, University of Bremen, Germany

10th September 9:45 h -11:00 h	TEACHING AND LEARNING	
INCLUDES 4 COMMUNICATIONS:		
TITLTE		AUTORS
LISP: the Language in Science Project		Peter Childs, University of Limerick ans Marie Ryan, Our Lady's Secondary School, Ireland
Tertiary Chemistry Students' Understanding of language Items used in Chemsity Instruction		Roko Vladusic, University of Split, Croatia, Robert Bucat, The University of Estern Australia, and Mia Ozicwona, University of Split, Croatia
Write on the Edge:Using a Chemistry Corpus to Develop Academic Writing Skills Resources for Undergraduate Chemists		Jacque Robson, Megan Bruce, Philippa Coffee and Simon Rees, Durham University, UK
Chemistry Teachers pedagogical scientific language knowledge		Silvija Markic, University of Bremen, Germany