PROGRAM

SRIJEDA, 4. 11. 2027

14: 00 – 17:30 Registracija sudionika

17:30 – 18: 00 Uvodne riječi Organizacijskog odbora

18:00 – 19: 00 *Beyond Chemistry Content: Preparing Students to Think and Act in the Real World* **Vicente Talanquer (USA)**

19:00 Svečani domjenak

ČETVRTAK, 5.11.2026.

9:00 – 10:30

1. radionički termin

DeWane, Greenbowe	Bilić	Thomas Holme	Trivić et all
G1 (SŠ)	**G2 (OŠ/SŠ)**	**G3(SŠ)**	**G4(OŠ/SŠ)**

10:30 – 11:00 Pauza za kavu 11:00 – 12:30

2. radionički termin

Melanie Ripsam	Lorber-Božanić, Franjčić	Bukvić, Perošić	Magovac, Novosel
G1(OŠ/SŠ)	**G2(SŠ)**	**G3(SŠ)**	**G4(SŠ)**

12:30 – 14: 30 Ručak

14:30 – 16:00

3. radionički termin

Bulat, Čehok, Dobrica	DeWane Greenbowe	Čališ, Horvat Flegar	Pintarić Kovač, Goričan
G1(OŠ)	**G2(SŠ)**	**G3(SŠ)**	**G4(OŠ/SŠ)**

16:00 – 16:30 Pauza

16:30 – 17:30 *Systems thinking for learning about chemistry and sustainability, the challenge of combustion* **Tomas Holme ; Micke Reynders (USA)**

17:30 – 18:00 Pauza

18:00 – 19:00 *Dietary Supplements in Youth Nutrition (Yes, No, or Maybe? Which One, When, and for How Much?)* **Milan R. Nikolić**

PETAK, 6.11. 2026.

8:00 – 13:00 **Kratka usmena priopćenja** – raspored (10 min izlaganje + 5 minuta za pitanja):

istraživanje u području kemijskog obrazovanja	8:00 – 8: 15	Balov, Caktaš, Jerkan, Perković, Vladušić	From Video Evaluation to Chemistry Teaching Decisions: An Approximation of Practice for Pre-Service Teachers
	8:20 – 8:35	Sanda Šimičić	Procjena vs. postignuće: podudaraju li se učiteljske procjene sa stvarnim postignućima učenika?
	8:40 – 8:55	Rončević, Marković, Horvat, Bosanac, Rodić	Quantitative Analysis of the Scientific Vocabulary Load in Seventh-Grade Chemistry Textbooks
	9:00 – 9:15	Horvat, Rankić, Rončević, Rodić, Bosanac	Context-based Stoichiometric Problems: Comparing Traditional and AI-Generated Approaches
	9:15 – 9:30	PAUZA	
	9:30 – 9:45	Marijana Žgela Putniković; Marijana Zaninović; Anna Alajbeg; Ivana Anđelić	Homework in the Age of Generative Artificial Intelligence
	9:50 – 10:05	Rodić, Horvat, Rončević, Bosanac	Does a Grade Still Mean the Same? Chemistry Teachers' Perspectives on Grade Inflation in Primary School Chemistry
	10:10 – 10:25	Janja Majer Kovačič; Roko Vladušić	Recognising and Constructing Explanations: Eighth-Grade Students' Simulation-Supported Reasoning about Phase Changes
	10:30 – 10:45	Radović et all	Municipal Waste Incineration: Conervation Laws, Systems Thinking and Critical Scientific Reasoning
	10:45 – 11:00	Blagojević, Trivić	Systems Thinking in Primary School Chemistry Education: Teachers' Perceptions of Its Importance, Implementation, and Barriers
	11:05 – 11:20	PAUZA	
primjeri dobre prakse	11:25 – 11:40	Marković-Zoraja; Fratrović	Kemija u šalici kave – kružna ekonomija
	11:45 – 12:00	Tadić	STEM bez straha: Kako nam kovanica od 20 centi može pomoći u poučavanju STEM-a?
	12:05 – 12:20	Veseljić	Razvoj prirodoznanstvenih kompetencija vrednovanjem samostalnih istraživačkih projekata učenika u nastavi kemije osnovne škole
	12:25 – 12:40	Ivica Petar Čališ; Vanja Horvat Flegar	Peer mentoring in chemistry enrichment classes: an example of project-based learning
	12:40 – 15:00	**Pauza za ručak**	
	POSTERSKA PRIOPĆENJA		
interdisciplinarne teme	15:00 – 16:30	Matija Kakša	Nitroceluloza – od znanosti do magije
		Mišela Lokotar; Ines Sertić	Od priče do pokusa: razvoj vještina opažanja i zaključivanja vertikalnim povezivanjem djece i učenika
		Darija Vištica; Melita Barić-Tominac	Kreativna prenamjena vune – doprinos održivom razvoju
		Petar Josipović	AZOO/CARNET: prilog o e-Dnevniku
		Žišković; Škarica Milek	Veliki i mali u STEM svijetu
		Pintarić - Kovač	BIFIKEMA – motivacija, timski rad i interdisciplinarno učenje
		Đorđević, Ivanović, Milanović Maštrapović	One Experiment, Multiple Teaching Contexts: Experiences and Evaluation of an Environmental Chemistry Workshop
		Vrček; Vrbnjak Grđan	Od potencijala do izvrsnosti: diferencirane nastavne strategije za darovite učenike
		Novosel; Tomas Grđan	Polimeri
		Andrej Bartulin; Antonio Matej Gverić; Vesna Dobronić	Evaluation of the Genotoxicity and Cytotoxicity of Photopolymer Resin
		Androlić	AI kao pomoćnik u prepoznavanju fizikalnih i kemijskih promjena u nastavi kemije
		Čipčić; Ćurković; Luša Kleva; Luetić	Od molekulskih vibracija do melodije: sonifikacija IR spektra kofeina i usporedba s Bachovom Kantatom o kavi
		Magdić, Lopac Groš	Kemija svakodnevice: od mirisa do mjehurića

17:00 – 18:00 *Cjelodnevna škola – što novi koncept osnovnoškolskog obrazovanja donosi nastavi kemije?* **Gordana Cecić-Sule; Ivana Marić Zerdun (OŠ Kamešnica, OŠ Trilj)**

18:00 – 19:00 *100 godina od Nobelove nagrade Jean-Baptistea Perrina: brojanje koloidnih čestica i određivanje Avogadrova broja* **Tajana Begović (HR, PMF Zagreb)**

19:00 – 19:10 Pauza

19:15 – 20:15 *Upoznajte predavače* **Mia Ožić, AZOO**

SUBOTA, 7.11. 2026.

9:00 – 9:30 *AP Chemistry Chief Reader Reports to Classroom Practices: Leveraging College Board Public Assessment Metrics to Address Resilient Chemistry Misconceptions* **Thomas Greenbowe; Marian DeWane**

9:40 – 10:10 *Some Results of an Investigation of Advanced Placement Chemistry Teachers' Pedagogical Content Knowledge (PCK) and Chemistry Content Knowledge (CCK) in Teaching Thermochemistry and Solution Energetics* **Marian DeWane; Thomas Greenbowe**

10:15 – 11:15 *Exploring real meanings of equilibrium concepts Language in teaching and learning* **Robert B. Bucat (AUS)**

11:15 – 11:30 Pauza

11:30 – 12:30 *To je opet neka vrsta magije* **Metodija Najdoski (MKD)**

12:30 - 12:45 Završna riječ OO 7HKKO

12:50 Zajedničko fotografiranje i odlazak