

PARALLEL SESSION: SCIENCE EDUCATION, PHYSICS, PHYSICS EDUCATION & CHEMISTRY EDUCATION
CHAIR PERSON: DR. RAJA FARHANA RAJA KHAIRUDDIN

ROOM	SESSION	TIME	PAPER ID	PRESENTER	TITLE	AFFILIATION	NOTE (/)
EL13 (SE, P, PE,CE)	M O R N I N G	1145 - 1200	SE006	AHMAD NAZRI KOSN , Rosdy Wahid, Nurulhuda Abd. Rahman	Identify Attributes of Quality Science Teacher in Secondary School	UPSI	
		1200 - 1215	SE009	PARAMESVARY A/P PERUMAL , Nurulhuda Abd. Rahman	Motivasi Guru Dalam Memupuk Kemahiran Berfikir Aras Tinggi Dalam Pengajaran Sains Dikalangan Guru Sains Menengah Rendah Semenanjung Malaysia	UPSI	
		1215 - 1230	CE006	Kok Lai Yim	Learning Manipulative And Science Process Skills Through The Scientific Method Via Video Recording Of Experiments	Malaysian Institute Of Chemistry	
		1230 - 1245	SE010	Vadsala Vadivalu , Kamisah Osman	The Effectiveness Of Activity Based Homework In Increasing Higher Order Thinking Skills (HOTS) For Primary School Science Subject	UKM	
	LUNCH BREAK						
	A F T E R N O O N	1430 - 1445	SE011	Siti Zaheera Muhamad Jamil , Raja Farhana Raja Khairuddin	Students' interest in learning Sciences through fieldwork activity influenced development of critical thinking and problem solving skills among Pre-University students at UPSI	UPSI	
		1445 - 1500	SE012	Siti Mariam Dasman , Ruhizan Mohammad Yasin	Reka bentuk Modul Pembelajaran Persekitaran terhadap pembangunan kualiti Pembelajaran Komuniti Orang Asli	UKM	
		1500 - 1515	PE002	T.Maniarrasan a/l Thanikasalam , Razak Abd. Samad bin Yahya	Keberkesanan Simulasi PhET Dalam Pengajaran Dan Pembelajaran Fizik Tingkatan Empat	UPSI	
		1515 - 1530	PE005	Siti Nazirah Butai , Fatin Aliah Phang	Dimensions of Metacognition in Physics Problems Solving Involving the Use of Free-Body Diagram among Science Students	UMS, Sabah	
		1530 - 1545	PE008	Hafzan Ibrahim , Mohd. Bilal Ali, Fatin Aliah Phang, Norazrena Abu Samah	Conceptual Framework of Robotic Module in Force and Motion	UTM	
		1545 - 1600	P008	Brenda M. Morris , Faridah Lisa Supian, Yusnita Juahir, Darvina Lim C.K.	Characterization of Novel Schiff Base Ligand Using Langmuir-Blodgett (LB) Technique for Ion Detection Application	UPSI	
		1600 - 1615	P009	Mazlina Mat Darus , Wan Norazwani Binti Mahusin	Green Synthesis of Ag Nanoparticles for Water Treatment (Antimicrobial on Eschirichia Coli)	UPSI	
		1615 - 1630	P004	Azrin M. A. , Mohd. Ikhwan Hadi Yaacob	Recent Advancement on Modeling and Simulation of Electro-Acoustic Devices	UPSI	