Program

Sunday 19th August

Arrival of the Participants for Teacher's Professional Development

All the sessions/meetings will be held in the room "Fizikalni laboratorij" at the first floor of the *Diocesan Classical Gymnasium* at *St. Stanislav*'s *Institution*, Zavod sv. Stanislava, Štula 23, 1210 Ljubljana, Slovenia – EU.

Monday 20thAugust

Time	Approx.	Session	Theme	Presenter/Moderator	
	30 min	Presentation	Welcome, Introduction	Tine Golež, Simon Zell	
	30 min	Discussion	Participants introduce themselves		
8-12	40 min	Presentation	Calculus; from physics	Tine Golež	
	15 min	Coffee (app. at 9:40)			
	120 min	Presentation	Calculus; from physics [see Wednesday at 14]	Tine Golež	
12-13	Lunch				
13-20	420 min	Excursion (Workshop)	Measurements in real world – field work incorporated into science teaching (tourist) excursion	Gregor Bregar, Tine Golež	

Tuesday 21st August

Time	Approx.	Session	Theme	Presenter/Moderator
	45 min	Presentation	Technology, motivation, teaching	Damjan Kobal
8-12	60 min	Workshop	Hands on simple techno-math ideas	Damjan Kobal
0-12	15 min	Coffee		
	120 min	Workshop-CL	From real to virtual with GeoGebra	Damjan Kobal
12-13		Lunch		
	60 min	Presentation	Interdisciplinary teaching involving geometry	Simon Zell
13-15:15	15 min	Coffee		
	60 min	Presentation	Experiments and concept of variable	Simon Zell
15:15	Free			

Wednesday 22nd August: PARALLELE SESSIONS

MATH TEACHERS:

Time	Approx.	Session	Theme	Presenter/Moderator
8-12	60 min	Presentation	Interdisciplinary lessons between mathematics and biology	Simon Zell
	60 min	Presentation	Interdisciplinary lessons between mathematics and biology	Simon Zell
	15 min	Coffee		
	60 min	Workshop	Creating interdisciplinary lessons between math and science	Simon Zell
	45 min	workshop	Creating interdisciplinary lessons between math and science	Simon Zell

PHYSICS TEACHERS:

Time	Approx.	Session	Theme	Presenter/Moderator
8-12	60 min	Presentation	Advanced physics experiments for A-level students	Iztok Kukman, Gregor Bregar
	60 min	Workshop	Advanced physics experiments for A-level students	Iztok Kukman, Gregor Bregar
	15 min	Coffee		
	60 min	Workshop	Advanced physics experiments for A-level students	Iztok Kukman, Gregor Bregar
	45 min	Workshop	Advanced physics experiments for A-level students	Iztok Kukman, Gregor Bregar

ALL TOGETHER:

Time	Approx.	Session	Theme	Presenter/Moderator
12-13			Lunch	
13-15:30	150 min	Presentation, Workshop	towards mathematics	Tine Golež

Thursday 23rd August

Time	Approx.	Session	Theme	Presenter/Moderator		
	105 min	Workshop-CL	Learning GeoGebra	Damjan Kobal		
8-12	15 min		Coffee			
0-12	60 min	Workshop-CL	Teaching with GeoGebra	Damjan Kobal		
	60 min	Workshop-CL	Teaching with GeoGebra	Damjan Kobal		
12-13		Lunch				
	90 min	Workshop	Physics experiments prepared for 2nd and 3rd graders lab-work	Gregor Bregar, Iztok Kukman		
13-14:30			or Matura Math – state prepared final exam for all secondary school students (Parallele session for physics and math teachers)	Marina Rugelj		
15 - 22	Excursion – ad libitum					

Friday 24th August

Time	Approx.	Session	Theme	Presenter/Moderator
	50 min	Presentation	Modelling motion: the case of horizontal launch	Tine Golež
	40 min	Presentation	Modelling motion: the case of shooting in water	Tine Golež, Gregor Bregar
0 1 2	15 min	Coffee		
8-12	40 min	Presentation	Science and/or common sense	Damjan Kobal
	60 min	Discussion	Final discussion + evaluation	All
	35 min	Conclusion and farewell		All