

The cooperation between mathematics and sciences – from research towards enhanced teaching,

The Professional Development in Ljubljana, Slovenia, 22-27th August 2010

Workshops and lectures

Tine Golež: **From calculus**

Damjan Kobal: **Technology, motivation, teaching and Hands on simple technomath ideas**

Damjan Kobal: **From real to virtual with GeoGebra**

Simon Zell: **Fermat meets Pythagoras**

Simon Zell: **Experiments and concept of variable**

Simon Zell: **Interdisciplinarity lessons between mathematics and biology**

Iztok Kukman: **Uncertainty Principle and Fourier transform**

Gregor Bregar: **Advanced physics experiments for A-level students (propeler)**

Tine Golež: **.... towards mathematics**

Damjan Kobal: **Learning and teaching with GeoGebra**

Bregar, Golež, Kukman: **Physics experiments prepared for 2nd and 3rd graders lab-work**

Tine Golež: **Modelling motion: the case of horizontal launch**

Golež, Bregar: **Modelling motion: the case of shooting in water**

Damjan Kobal: **Science and/or common sense**

Evaluation (average, all participants, 62 items): **3,5** (best: 4)