

24. matematický mathematical Duel

24th Math Duel took place in Ostrava from March 12 to 16, 2016. It was the second competition of a total of three planned ones in the project Duel Plus, which is fully funded by the Erasmus Plus.

Students of the three age categories - A, B, C, participated in individual and team competitions. The competition was attended by teams from four traditional schools:

- Bundesrealgymnasium Kepler from Grazu
- Gymnázium Mikuláše Koperníka from Bílovec
- Gymnázium Jakuba Škody from Přerov
- Akademicki Zespół Szkół Ogólnokształcących from Chorzów

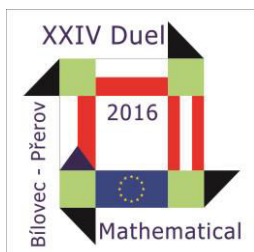
Programme of the 24th annual Duel competition

Saturday 12 March 2016

- 4 p.m.–5.30 p.m. arrival of the participants to the Mercure Hotel, accommodation
- 7 p.m. dinner
- ceremonial opening of the competition

Sunday 13 March 2016

- 7.30 a.m.–8.15 a.m. breakfast
- 8.30 a.m.–8.45 a.m. placing the individual contestants into appropriate halls for the competition
- 8.45 a.m.–9.00 a.m. instructions for the competition
- 9 a.m.–11.30 a.m. competition of individual contestants
- 11.30 a.m.–12.30 p.m. lunch
- 12.45 p.m.–1 p.m. placing the teams into appropriate halls for the competition, instructions
- 1 p.m.–2.40 p.m. team competition



- 3.15 p.m. meeting of all participants in front of the hotel –
programme in the Technical
World in the Lower Vitkovice Area
- 7.30 p.m. dinner

Monday 14 March 2016

- 7.30 a.m.–8.15 a.m. breakfast
- 8.30 a.m. departure to Olomouc (by bus)
- 10 a.m.– 1 p.m. Fortress of Knowledge / Pevnost poznání - scientific
Project (Graz)
- 1 p.m.–2 p.m. lunch
- 2 p.m.–4 p.m. programme prepared by the Faculty of Science, Palacký
University Olomouc
Fortress of Knowledge / Pevnost poznání
- 4 p.m.–5.30 p.m. sightseeing in Olomouc, at 5.45 p.m. leaving for
Ostrava
- 7.00 p.m. dinner

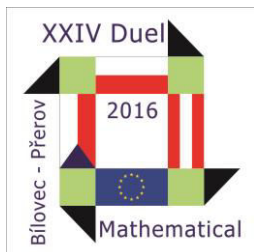
Tuesday 15 March 2016

- 7.30 a.m.–8.15 a.m. breakfast
- 8.30 a.m. a bus trip organized by the Grammar School of Jan
Škoda in Přerov
- 4 p.m. closing ceremony and the announcement of results
(Assembly Hall, Grammar
School of Nicolas Copernicus in Bílovec), a friendly
small-talk and refreshment
in the Grammar School of N. Copernicus, return back to
the hotel in the evening

Wednesday 16 March 2016

- breakfast (times according to scheduled trains, end of the competition,
departure)





The competition participants arrived at the hotel Mercure on Saturday 12. 3. 2016 in the afternoon, some members of the jury until Sunday morning 13. 3. 2016.

The competition was attended by these students:

GMK Bílovec

A	B	C
Bára Tížková	Michaela Svatošová	Max Dresler
Jiří Nábělek	Tomáš Křížák	Matyáš Florík
Damian Wałoszek	Kristýna Janovská	Ondřej Jozek
Tomáš Nguyen	Berenika Čermáková	Štěpán Postava

GJŠ Přerov

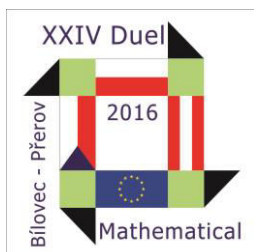
A	B	C
Marian Poljak	Jana Pallová	Jaroslav Hradil
Jan Gocník	Denisa Chytilová	Amálie Dostalíková
Jan Šuta	Jakub Gogela	Darian Poljak
Martin Kubeša		Martin Šváb

BRG Graz

A	B	C
Benedikt Andritsch	Thiemo Dsubanko	Flavio Arrigoni
Konstantin Andritsch	Sebastian Fellner	Minh Nguyen
Daniel Horiatakis	Oskar Kleinoscheg	Clara Rinner
Adrian Steinmann	Louies Kirolos	Johannes Trattner

ILO Chorzów

A	B	C
Orest Tereszczuk	Julian Narimany	Pola Gajek
Jan Równicki	Katarzyna Kępińska	Bartosz Kipa
Adam Szreter	Olaf Placha	Wojciech Socha
Karol Pieczka	Marcin Socha	Anna Szymik



Pedagogical accompaniment and the jury was composed of:

Jan Raška	GJŠ Přerov
Pavel Vychodil	GJŠ Přerov
Marek Kuchler	GJŠ Přerov
Robert Geretschläger	BRG Kepler Graz
Claudia Lassbacher	BRG Kepler Graz
Lukas Andritsch	BRG Kepler Graz/KF Uni Graz
Marie-Christine Maierbrugger	KF Uni Graz
Jacek Uryga	ILO Chorzów
Jozef Kalinowski	ILO Chorzów
Jaroslav Švrček	UP Olomouc
Pavel Calábek	UP Olomouc
Martin Broušek	UP Olomouc
Vít Schindler	GMK Bílovec
Danuše Berkusová	GMK Bílovec
Svatava Fojtíková	GMK Bílovec
Jekatěrina Dreslerová	GMK Bílovec

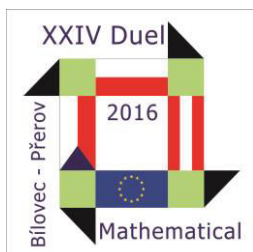
Competition for individuals and teams took place according to program in the halls Karolina and Solomon of the hotel Mercure. During 150 minutes they were competing to solve four tasks (individual competition), after lunch, then teams of four solved three tasks during 100 minutes. The assignments are always in English, therefore the teachers - creators of the tasks provided necessary explanations within 15 minutes, helped to translate so that the tasks were properly understood.

After the competition, all participants of the event moved to the Lower Vítkovice, where they visited the Great interactive world of technology, but also the "old iron" including the awesome Bolt Tower.

Monday's program was directed by the Faculty of Science, Palacky University in Olomouc and KF Uni Graz. The participants visited the Fortress of knowledge where on the one hand, the research KF Uni Graz took place, but also it was possible to pass the Fortress knowledge and explore it. The afternoon was devoted to sightseeing the university city of Olomouc commented by Mark Kuchler, teacher of GJŠ Přerov.

On Monday evening a meeting, in which organizational matters of the future competition were solved, took place.





The Tuesday's excursion was organized by representatives of GJŠ Přerov. They showed the participants the beauty and sights of Štramberk, Kopřivnice and Roznov. Although the weather was not good for outdoor activities, everything was to the satisfaction of the organizers and participants.

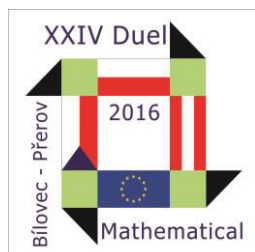
Festive evaluation and completion of the competition was held in the auditorium of GMK Bílovec, where all the participants were given subscriber lists, the winners then the diplomas and cups. Robert Geretschläger invited everybody to 25th Math Duel, which will be held in March 2017 in Graz. After visiting the school, and dinner all returned to the hotel.

On Wednesday, after breakfast, the participants left for their homes that next year we will meet again, this time in Graz.

Results of individual competition

Kategorie A

Surname and name	Town	Number of the task				Σ points	Order
		1.	2.	3.	4.		
POLJAK Marian	Přerov	8	8	8	6	30	1.
GOCNÍK Jan	Přerov	8	8	8	0	24	2.
ANDRITSCH Konstantin	Graz	7	1	6	8	22	3.
SZRETER Adam	Chorzów	8	1	0	6	15	4.-5.
WAŁOSZEK Damian	Bílovec	1	8	3	3	15	4.-5.
RÓWNICKI Jan	Chorzów	7	0	1	6	14	6.
ANDRITSCH Benedikt	Graz	7	1	1	3	12	7.
STEINMANN Adrian	Graz	8	0	1	1	10	8.
HORIATAKIS Daniel	Graz	8	0	0	1	9	9.-10.
NÁBĚLEK Jiří	Bílovec	6	0	2	1	9	9.-10.
ŠUTA Jan	Přerov	8	0	0	0	8	11.
TÍŽKOVÁ Bára	Bílovec	3	1	1	1	6	12.
KUBEŠA Martin	Přerov	0	0	1	0	1	13.-15.
NGUYEN Tomáš	Bílovec	0	0	1	0	1	13.-15.
TERESZCZUK Orest	Chorzów	1	0	0	0	1	13.-15.
PIECZKA Karol	Chorzów	0	0	0	0	0	16.

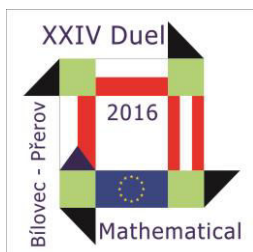


Kategorie B

Surname and name	Town	Number of the task				Σ points	Order
		1.	2.	3.	4.		
CHYTILOVÁ Denisa	Přerov	8	8	8	1	25	1.
SOCHA Marcin	Chorzów	8	8	8	0	24	2.
KĘPIŃSKA Katarzyna	Chorzów	8	8	6	1	23	3.
FELLNER Sebastian	Graz	8	8	0	6	22	4.
PALLOVÁ Jana	Přerov	8	6	1	2	17	5.
PLACHA Olaf	Chorzów	2	6	8	0	16	6.
SVATOŠOVÁ Michaela	Bítovec	3	8	1	1	13	7.
KŘÍŽÁK Tomáš	Bítovec	2	8	0	0	10	8.
KLEINOSCHEG Oskar	Graz	0	8	0	1	9	9.
DSUBANKO Thimo	Graz	0	8	0	0	8	10.-11.
GOGELA Jakub	Přerov	0	8	0	0	8	10.-11.
ČERMÁKOVÁ Berenika	Bítovec	2	2	0	0	4	12.
JANOVSKÁ Kristýna	Bítovec	2	0	0	0	2	13.
NARIMANY Julian	Chorzów	0	1	0	0	1	14.
KIROLOS Louies	Graz	0	0	0	0	0	15.

Kategorie C

Surname and name	Town	Number of the task				Σ points	Order
		1.	2.	3.	4.		
DOSTALÍKOVÁ Amálie	Přerov	3	8	0	0	11	1.-2.
RINNER Clara	Graz	3	0	8	0	11	1.-2.
DRESLER Max	Bítovec	1	2	1	6	10	3.
HRADIL Jaroslav	Přerov	1	1	0	6	8	4.-5.
ŠVÁB Martin	Přerov	0	1	0	7	8	4.-5.
JOZEK Ondřej	Bítovec	2	4	0	0	6	6.
FLORÍK Matyáš	Bítovec	0	0	0	5	5	7.
NGUYEN Minh	Graz	2	0	0	2	4	8.
KIPA Bartosz	Chorzów	2	0	0	1	3	9.
POLJAK Darian	Přerov	2	0	0	0	2	10.-11.
TRATTNER Johannes	Graz	2	0	0	0	2	10.-11.
POSTAVA Štěpán	Bítovec	0	0	0	1	1	12.
ARRIGONI Flavio	Graz	0	0	0	0	0	13.-16.
GAJEK Pola	Chorzów	0	0	0	0	0	13.-16.
SOCHA Wojciech	Chorzów	0	0	0	0	0	13.-16.
SZYMIK Anna	Chorzów	0	0	0	0	0	13.-16.



Results of team competition

<i>Category A</i>		<i>Number of the task</i>			Σ <i>points</i>	<i>Order</i>
<i>School</i>	<i>1.</i>	<i>2.</i>	<i>3.</i>			
GJŠ Přerov	8	8	1	17	1.	
AZSO Chorzów	0	1	3	4	2.	
GMK Bílovec	0	0	3	3	3.	
BRG Kepler, Graz	0	0	1	1	4.	
<i>Category B</i>		<i>Number of the task</i>			Σ <i>poits</i>	<i>Order</i>
<i>School</i>	<i>1.</i>	<i>2.</i>	<i>3.</i>			
GJŠ Přerov	8	8	6	22	1.	
AZSO Chorzów	8	8	4	20	2.	
GMK Bílovec	8	7	2	17	3.	
BRG Kepler, Graz	8	8	0	16	4.	
<i>Category C</i>		<i>Number of the task</i>			Σ <i>points</i>	<i>Order</i>
<i>School</i>	<i>1.</i>	<i>2.</i>	<i>3.</i>			
BRG Kepler, Graz	8	4	8	20	1.-2.	
GMK Bílovec	8	4	8	20	1.-2.	
AZSO Chorzów	1	8	8	17	3.	
GJŠ Přerov	0	4	6	10	4.	