IQRF Smart School

Ivona Spurná

IQRF Alliance

International community of

- developers, manufactures, system integrators,
- sales professionals,
- research and innovation centres,
- technical high schools and universities .
- Members deliver complex solutions for M2M and IoT.



Academic members



2 new Norwegian universities
1 new Slovak university
2 universities from Hungary
2 new Polish universities
1 Romania university

Czech universities from Praha, Brno, Ostrava, Hradec Králové

And many secondary technical schools...

Benefits for schools

- Free membership in the IQRF Alliance
- Networking with other members on Alliance events
- Common projects and practice
- Free teachers trainings and certification
- Student certifications at schools
- Free access to educational materials
- Sponsored equipment for education and research
- Promotion of school projects
- Opportunity to compete in professional contests







PROTRONIX

Sponsored HW on iqrf.shop

(ITC F Alliance Conditions of	sale How to buy Benefits Contacts	Login	Search
IQRF interoperable products of IQRF Alliance members.			
New	Home » Products	Curre	ency: EUR V Item per page: 6 V
Sale	Products		
Products			
+ Plug&Play Sets	DS-IOT-01	DDC-RE-01	DDC-SE-01
+ Gateways	Development sets Price: 262.00 EUR	Development kits Price: 27.50 EUR	Development kits Price: 27.50 EUR
+ End devices	ØØØØ 🔛 💥		
+ Development	View details »	View details »	View details »
	Availability: 🚬	Availability: In stock	Availability: In stock
	DDC-IO-01 Development kits Price: 27.50 EUR	Bluetooth kit with antenna for UP Accessories Price: 25.00 EUR	Case ABS plastic Accessories Price: 7.99 EUR

Other projects

Cooperation with other entities on joint projects

- Kybersoutěž (Cyber security competition)
 - 1 final task focused on IQRF security
- Cisco Networking Academy Games
- Cena bastlířů (Price of hobbists)
- The best student
 - award by MICRORISC



IQRF Wireless Challenge

- Design the best application for IQRF wireless technology
- Prizes worth more than 1.500 EUR
- Final round 7-8 June, Prague, IQRF Summit



www.iqrf.org/contest/



IQRF Wireless Challenge III

- Competitors
 - Roman Ondráček Gymnázium Boskovice
 - Remote control of home appliances by mobile phone
 - Matyáš Vohralík, Jan Skála, Zdeněk Doležal, Vojtěch Vlach a Jan Burda - Gymnázium Dr. Emila Holuba, Holice
 - Weather station
 - Jan Velička VŠB Ostrava
 - CO2 Educational and Presentation Module for IQRF
 - Josef Jarolím
 - Gateways between IQRF and RS-485 networks with FINET communication protocol
 - Jiří Škovránek
 - Design and implementation of security equipment using Raspberry PI and IQRF technologies

IQRF Wireless Challenge III



Congratulation!!!

Jan Velička (VŠB Ostrava) CO₂ Educational and Presentation Module for IQRF

odule **Jiří Škovránek** (VŠB Ostrava) Design and implementation of security equipment using Raspberry PI and IQRF technologies

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Roman Ondráček (Gymnázium Boskovice) Remote control of home appliances by mobile phone

Results

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