

19th European Union Contest for Young Scientists
September 2007, Valencia

Countries	Name	Surname	M/F	Domain	Title	
Austria	Philipp	Zagar	M	Chemistry	Synthesis of a linker molecule for self-assembled monolayers (SAM)	
	Julian	GLECHNER	M	Engineering	Latent heat storage system (Salt crystals as a new energy storage technology)	
	Werner	POLLHAMMER	M			
	David	STOCKINGER	M			
		Martina	HAFNER	F	Environmental science	Energy from maize straw
Belarus	Aliaksei	Aksiutsk	M	Physics	Stop a moment	
	Andrej	Andreyeu	M			
	Svyatoslav	Babinets	M	Mathematics	Geometry in the bounded spaces	
	Sergey	Shilkevich	M			
	Michael	Glushenko	M	Mathematics	Almost Central Symmetry	
		Pavel	Perestoronin	M		
Bulgaria	Yavor PLAMENOV	DENCHEV	M	Biology	GMOs – ENTHUSIASM OR FEAR	
	MOMCHIL PRES LAVOV	KONSTANTINOV	M	Mathematics	IRREDUCIBILITY OF POLYNOMIALS	
	Ivan Rumenov	PENCHEV	M			
	SLAVEYA Angelova	ANGELSKA	F	Social science	POSSIBILITIES OF PEOPLE WITH HEARING LOSS TO PERCEIVE SOUNDS	
China	Yan	Xin	F	Environmental science	Study on Polluting Property and Dispersion Rule of Airborne Allergenic Pollen in Urban Areas	
	Cong	Xiu	M	Engineering	Pedal Keyboard Input System	
	Yingqi	Wu	F			
	Shenyuan	Liu	M			
Czech Republic	Eva	Černohorská	F	Mathematics	Generalization of method of tiling in triangular and hexagonal grid	
	Milan	Trojánek	M	Medicine/Microbiology	Enterococci Isolated from the Human Urogenital Tract	
	Josef	Valihrač	M	Engineering	JTR dry slipper clutch for Ducati and its racing use	
	Tomáš	Nevídal	M			
Denmark	Jesper Lykke	Rasmussen	M	Engineering	Improved Efficiency and Less Pollution of Two-Stroke Motors	
	Michael	Madsen	M			
	Tobias	Maduro Nørbo	M	Engineering	Why Drop the Fun – When the Drip Is On?	
	Christoffer	Norn	M	Biotechnology	More Efficient and Cheaper Methods for Bioethanol Production	
	Sebastian	Thrane	M			
Estonia	Mihkel	Aamer	M	Engineering	Synthesizer of vowels of Estonian language	
	Hillar	Liiv	M	Biological science	Lesser Redpoll (<i>Carduelis flammea cabaret</i>) – a new bird-species in Estonia	
European schools	Lucas	Fiévet	M	Physics	Consequences of the existence of a boson for gravitational force	
	Andreas	Thomik	M			
Finland	Klaara	Kannisto	F	Surface chemistry / medicine	Effects of Nicotine on a Primary Lipid of Lung Surfactant: Testing the Stability and Efficiency Using Subphases of Different Ion Strengths and pH	
	Joel	Kaasinen	M	Computer science	Finding optimal tactics with a genetic algorithm	
France	Sylvain	CHEVALIER Sylvain	M	Environmental science	The Hydrogen Boat	
		Etienne	FARINE Etienne			M
		Camille	SIMONDON Camille			M
		Anne-Laure	DELAYE Anne-Laure	F	Physics	Can we walk on water ?
		Aude	LATRIVE Aude	F		

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	Astrid	VERPEAUX Astrid	F		
Georgia	Lasha	Gorgoshidze	M	Medical science	DISEASE OF AGE – OSTEOCHONDROSIS AND OVERWEIGHT: MECHANISMS OF WEIGHT ACTION ON VERTEBRAL COLUMN
	Giorgi	Nazgaidze	M	Ecology	THE METHOD OF PROTECTION GEORGIAN RIVERS FROM SAWDUST POLLUTION
	Aleksandra	Nadiradze	F	Molecular Biology	Application of modern molecular biological methods for resolving of different research problems - first steps of young researchers in life science:
	Vamekh	Kherkheulidze	M		
Germany	Raphael	Errani	M	Physics (Astronomy)	Impact Probability of Asteroids on Earth
	Florian	Ostermaier	M	Physics	Flashing Water Drops
	Henrike	Wilms	F		
	Florian	Schnös	M	Engineering	SmartCam – Development of a universal 3D-Camera
Hungary	Márton	SPOHN	M	Chemistry	Examination of the plants' self-defence against pests
	Dániel István	BUZA	M	Information / Computer Science	Recognition of movement pattern by means of computer
	István	CSANÁDY	M	Mathematics	SmartDiff
Iceland	Magni Rafn	Jónsson	M	Engineering	ICY GRIPPING SYSTEM
	Sigurður Freyr	Kristinsson	M		
Ireland	Abdusalam	Abubakar	M	Mathematics	An Extension of Wiener's Attack on RSA Encryption
Israel	Diana	Galstyan	F	Medical science	Dental Implant
	Eugenia	Kossoy	F		
	Victoria	Evelkin	F		
	Nancy	El-Basel	F	Physics	Towards Scanning a Biological Live Cell with the SNIM (Scanning Near-Field IR Microscope)
	Yael	Amarilyo	F	Biological science	Molecular Identification and Characterization of Phytoplasma Bacteria in Grapevines – Another Milestone Saving the Wine Industry
Italy	Matteo	Brichese	M	Environmental science	ASTRO water purification. Active Sludge TReatments fOr water purification
	Pietro	Liuzzo Scorpo	M		
	Ivan	Passalent	M		
	Gabriele	Maini	M	Engineering	Water Rockets
	Dario	Corbetta	M	Computer science	Physical discrete time modelling of a vibrant string to the synthesis of sound
Latvia	Riders	Armands	M	Chemistry	Production of nano-architectures by electronic methods
	Janis	Putnins	M	Physics	Late star spectral classification in selected areas of the sky
	Reinis	Bizuns	M		
	Ugis	Piterans	M	Biological science	Revision of ichneumon wasp (Ichneumonidae, Hymenoptera) tribus Protichneumonini in Latvia
Lithuania	Aurelija Judita	Abraityté	F	Medicine	ACE genotype - the promising genetic marker of heart diseases
	Milda	Jurėnaitė	F	Chemistry	Zinc and zinc alloys galvanic coatings: structure homogeneity determines resistance to corrosion
	Rasa	Briedytė	F		
	Renata	Rabovič	F	Social science	Lithuanian youth interest in science
	Austė	Cijūnėlytė	F		
Malta	Rachel	Debattista	F	Environmental science	Electrostatic Soot Absorber
	Antonella	Scerri	F		
	Simon	Theuma	M		

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Norway	Maria Teresa	Bezem	F	Mathematics	Population models -by looking at four well known population models: exponential growth, the Schaefer model, the competitive species model, the prey-predator model, I will try to fit them to the cod stock in the Barents Sea during the period from 1962 to 1990
	Sravanthi	Devulapalli	F	Biology	Do the spices cayenne pepper, cumin, turmeric, cinnamon and cloves inhibit fungus growth?
Poland	Radoslaw Tomasz	Chrapkiewicz	M	Physics	Synthesising and measuring superconducting Sodium Cobalt Oxide (Na _x CoO ₂) crystals
	Dominik	Cysewski	M	Chemistry	Bi-functional cross-linking reagents as a means of establishing spatial protein structure
	Pawel	Gniewek	M		
	Grzegorz	Mazur	M	Physics	Influence of coal-fired power stations on the concentration of radioisotopes in the environment
Portugal	Estela Alexandra	Domingos Vicente	F	Environmental science	Anaerobic Reactor UASB
	Mariana	Monteiro Batista	F		
	Claudia Marina	Azevedo Domingos	F	Social science	Attitudes towards paternity
	Ines Isabelle	Gomes dos Santos	F		
	Vanessa	Santos Carvalho	F		
	João Pedro	Campos Amaral	M	Engineering	Construction a water-cooling system for computer components
Russia	Tatyana	Pushkareva	F	Biological science	MICROBIOLOGICAL POLLUTION OF A PERSONAL COMPUTER
	Igor	Burlak	M	Chemistry	THE STUDY OF STEEL CORROSION INHIBITORS SYNERGISM
	Julia	Ogluzdina	F	Physics	THE DYNAMICS OF THE PANIC-STRICKEN CROWD
	Artyom	Zavideev	M		
Slovakia	Milan	Mareta	M	Environmental Science	Toxic influence of mercury and cadmium on Artemia salina development
	Ľubomír	Urbančok	M	Physics (Astronomy)	The study of symbiotic star BF Cygni
	Annamária	Šofranková,	F	Physics	Flowing of free surface liquid and drop formation
	Viktória	Soltészová	F	Physics	
Slovenia	Marinka	Žitnik	F	Chemistry	COLLECTION OF MINERALS AND ROCKS AT UPPER SECONDARY SCHOOL OF ELECTRICAL AND COMPUTER ENGINEERING LJUBLJANA
	Petra	Devetak	F	Biological science	THE EFFECT OF SUBSTRATE DENSITY ON PIT BUILDING DECISION AND PIT SIZE IN THE ANTLION LARVAE (Euroleon nostras)
Spain	Angel	Solanellas Terés	M	Engineering	The Pantheon: A Building, An Universe. The Pantheon and its relation with the sun
	Pau	Machado Granados	M	Chemistry	TThe 607: antiretroviral compound. QSAR study of TIBO molecules
	Ricardo	Martin Brualla	M	Information / Computer Science	Simple games language compiler. Novel Toolbox designed to solve mathematical problems related to game theory
Sweden	Maria	Hallbeck	F	Biological science	Iron oxidizing bacteria in a new environment
	Kajsa	Kroneld Viktorsson	F		
	Maria	Ulnes	F		
	Johan	Jensen	M	Biological science	Rapid evolution in bearded reedling (Panurus biarmicus)
	Robert	Piehl-Fridqvist	M	Physics/engineering	Construction and analysis of a Tesla coil
	David	Andersson	M		
Switzerland	Raphael	Blaser	M	Physics	Spectral analysis of Electroencephalograms for Classification by Neural Networks
	Eric	Stassen	M		
	Lucas	Broennimann	M	Information / Computer Science	Simulations on the sphere: Distribution of Points and Calculations of Energy
	Martin	Lanter	M	Science	
	Daniel	Meister	M	Information / Computer	Neural networks – simulation and application in strategy games

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	Tobias	Schlatter	M	Science	
Turkey	Mustafa	Taghiyev	M	Mathematics	The Integer Values Of Algebraic Expressions And Some New Properties Of Binomial Coefficients
	Tunc Nadir	Özcan	M	Environmental science	GAINING LITHIUM AND COBALT BY RECYCLING LITHIUM AND COBALT BATTERIES AND PREVENTION ENVIRONMENTAL EFFECTS
	Seyma	Savas	F	Earth sciences	A New Hot Water Source Established With The Environmentally Friendly Zeolite
	Kevser	Uz	F	Earth sciences	
Ukraine	Olena	Shynkaruk Olena	F	Chemistry	Synthesis of biomaterial biphasic composite hydroxyapatite- β -tricalcium phosphate
United Kingdom	Galen	Brown	M	Engineering	FSC11 – The flexible TV standby controller
	Mike	Brownbill	M	Computer science	An XML Based Project Management System For The Innovation Funding Incentive (Ix, Ypsilon, Z)
	Anna	Ressel	F	Chemistry	Absorption of Ions: Investigation into the Removal of Chromium Ions from Water
USA	Natnaree	Siriwon	F	Biological science	The Secret in Mimosa's Leaf Folding Pattern
	Korawich	Niyomsatian	M		
	Nathaphon	Supokaivanich	M		