



# European Union Contest for Young Scientists

## Country factsheet 2015

### Austria



**Austria (AT)**

Participates since 1989      Nr of Contests 27

nr of prizes 35      Nr of prizes won by Team of girls: 2

Team of boys: 28

Nr of girls to win a prize 6      Mixed teams: 5

Nr of boys to win a prize 53

Last prize won in 2015

Name of the winner	Year	Sex	Prize	Name of the Project
Reinhard Herzog	1989	M	3rd	<i>An electronic plotter</i>
Christian Tost, Sabine Zangl	1991	M/F	1st	<i>Catalytic converter restoration</i>
Edwin Thaller, Friedrich Pfluegelmeier	1991	M/M	2nd	<i>Intelligent testing probe</i>
Jochen Erhard, Cristoph Herbst	1992	M/M	2nd	<i>Electronical regeneration of FeC12/FeC13 compounds in metal etching processes with an environmental and economic focus</i>
Albert Barmettler, Günther Ederer	1993	M/M	1st	<i>An alarm processing system</i>
Martin Franz Waldmann, Johannes Lackner, Josef Schmidbauer	1994	M/M/M	3rd	<i>Solar energy to ecological fuel</i>
Jürgen Hintermayer, Attila Agoston	1994	M/F	3rd	<i>Brain waves and artificial intelligence</i>
Michael Schachinger, Thomas Wetzlmaier, Jürgen Zauner	1994	M/M/M	3rd	<i>Telephoning via computer networks</i>
Paul Pak, Peter Weilenmann	1998	M/ M	1st	<i>The virtual blind man's cane</i>
Paul Pak, Peter Weilenmann	1998	M/ M	TRAVEL AWARD TO THE INTERNATIONAL SCIENCE AND ENGINEERING FAIR (ISEF), USA	<i>The virtual blind man's cane</i>
Andreas Steinböck	1999	M	TRAVEL AWARD TO THE LONDON INTERNATIONAL YOUTH SCIENCE FORUM (LIYSF)	<i>Ladder to safety</i>
Thomas Aumeyr, Thomas Morocutti	2001	M/ M	1st	<i>CURE - Controlled Ultraviolet Radiation Equipment</i>
Thomas Aumeyr, Thomas Morocutti	2001	M/ M	TRAVEL AWARD TO THE LONDON INTERNATIONAL YOUTH SCIENCE FORUM (LIYSF)	<i>CURE - Controlled Ultraviolet Radiation Equipment</i>
Gernot Dopler, Florian Fest	2001	M/ M	Special Prize	<i>Singling out medical Gauze Balls</i>
Markus Brandstetter, Franz Novak	2002	M/ M	Special Prize	<i>Measuring the dielectric properties of paper</i>

Martin Knobel, Gerhard Schony, Florian Grossbacher	2004	M/ M/ M	1st	<i>Breakthrough in the manufacturing of condenser microphones</i>
Martin Knobel, Gerhard Schony, Florian Grossbacher	2004	M/ M/ M	HONORARY AWARD: LONDON INTERNATIONAL YOUTH SCIENCE FORUM	<i>Breakthrough in the manufacturing of condenser microphones</i>
Lukas Brenner, Christoph Ritzberger	2004	M/ M	SPECIAL DONATED PRIZES BY THE EPO AND EIROforum (HE EUROPEAN PATENT OFFICE (Munich) (The International Aeronautical Federation Congress, Vancouver)	<i>An alternative method for keeping swimming pool water clear</i>
Susanne Cernak, Felix Faschinger, Marcus Metz	2005	F/ M/ M	SPECIAL DONATED PRIZES BY THE EPO AND EIROforum (HE EUROPEAN PATENT OFFICE (Munich) (The International Aeronautical Federation Congress, Vancouver)	<i>MiHyp - microbiological hydrogen production</i>
Michael KAISER Johannes KIENL	2006	M/ M	1st	<i>Development of a completely new electro-thermo-mechanical De-Icing system for aircraft</i>
Michael KAISER Johannes KIENL	2006	M/ M	SPECIAL DONATED PRIZES BY THE EPO AND EIROforum (THE EUROPEAN PATENT OFFICE (Munich) The International Aeronautical Federation Congress, Vancouver)	<i>Development of a completely new electro-thermo-mechanical De-Icing system for aircraft</i>
Martina Hafner	2007	F	2nd	<i>Energy from maize straw</i>
Martina Hafner	2007	F	HONORARY AWARD: LONDON INTERNATIONAL YOUTH SCIENCE FORUM	<i>Energy from maize straw</i>

Julian GLECHNER, Werner POLLHAMMER, David STOCKINGER	2007	M/ M/ M	3rd	<i>Latent heat storage system (Salt crystals as a new energy storage technology)</i>
Julian GLECHNER, Werner POLLHAMMER, David STOCKINGER	2007	M/ M/ M	SPECIAL DONATED PRIZES BY THE EPO AND EIROforum (THE EUROPEAN PATENT OFFICE (Munich))	<i>Latent heat storage system (Salt crystals as a new energy storage technology)</i>
Philipp Zagar	2007	M	SPECIAL DONATED PRIZES BY THE EPO AND EIROforum (EMBL: The European Molecular Biology Laboratory)	<i>Synthesis of a linker molecule for self-assembled monolayers (SAM)</i>
Christoph Wiesinger	2008	M	SPECIAL DONATED PRIZES BY THE EPO AND EIROforum (THE EUROPEAN PATENT OFFICE (Munich))	<i>Sensor for organic residues on aluminium surfaces</i>
Martin Brezowar, Michael Tobias König, Iris Schmidt	2009	M MF	SPECIAL DONATED PRIZES BY THE EPO AND EIROforum (THE EUROPEAN PATENT OFFICE (Munich))	<i>Flexible Alligator Forceps</i>
Philip Huprich Manuel Scheipner Daniel Zindl	2012	M M M	1st Prize and HONORARY AWARD: STOCKHOLM INTERNATIONAL YOUTH SCIENCE SEMINAR	<i>Cam Guard</i>
Lucas Noel Sulzberger Robert Gautsch	2012	MM	SPECIAL DONATED PRIZES BY THE EPO AND EIROforum (ILL: The Institut Laue- Langevi)	<i>ICA-Method</i>
Lorenz Leutgeb (19) Moritz Wanzenböck (19)	2013	MM	SPECIAL DONATED PRIZES BY The Joint Research Centre (JRC) Prizes	<i>Variable Neighborhood Search for the Partition Graph Coloring Problem</i>

Dominik Heinz Dörler (19) Hanna Franziska Weiss (18) Simon Moll (18)	2014	MFM	HOST ORGANISATION SPECIAL DONATED PRIZES by the University of Warsaw	<i>Development of a procedure for recovering phosphorus from sewage sludge ash and development of a low-cost rapid measuring instrument for the quantification of phosphorus</i>
Michael Bayrhammer (19) Florian Thaller (19)	2015	MM	2nd	<i>Tendon Tissue Engineering - Development of a Novel Tissue Bioreactor for Culturing Tendons</i>
Michael Bayrhammer (19) Florian Thaller (19)	2015	MM	HOST ORGANISER SPECIAL DONATED PRIZES - IIT, The Italian Institute of Technology	<i>Tendon Tissue Engineering - Development of a Novel Tissue Bioreactor for Culturing Tendons</i>
Lorenz Sauerzopf (19) Stefan Fuchs (19)	2015	MM	HOST ORGANISER SPECIAL DONATED PRIZES - Salvetti Foundation	<i>Fatigue Limit Test Stand</i>