



## Germany (DE)

Participates since	1989	Nr of Contests	29
nr of prizes	100	Nr of prizes won by	Team of girls: 6 Team of boys: 87 Mixed teams: 8
Nr of girls to win a prize	11		
Nr of boys to win a prize	100		
Last prize won in	2017		

Name of the winner	Year	Sex	Prize	Name of the Project
Stephan Schlitter	1989	M	1st	<i>Conducting polymers in batteries</i>
Matthias Buger	1989	M	3rd	<i>Axiomatic theory of mean values</i>
Walter Georg Veeck Jens Schneider	1989	MM	3rd	<i>Construction of a diffusion cloud chamber</i>
Waltraud Schulze	1990	F	1st	<i>The effect of assimilatory starch for the growth of Arabidopsis</i>
Jan Lichtenberg	1990	M	2nd	<i>Unilyser, a universal computer system for chemical analysis</i>
Stefan Scheller	1990	M	2nd	<i>Computer-aided holography for optical and acoustical reconstruction</i>
Robert Nitzschmann	1991	M	1st	<i>Development and construction of a scanning tunnelling microscope</i>
Tanja Hindrichs Hussein Morsy Axel Conrad	1991	FMM	2nd	<i>The knight's Hamiltonian path problem</i>
Robert Nitzschmann	1991	M	COMETT AWARDS	<i>Development and construction of a scanning tunnelling microscope</i>
Hendrik Kupper Frithjof Kupper Martin Spiller	1992	MMM	1st	<i>Environmental relevance of heavy metal substituted chlorophylls</i>
Oliver Trapp	1992	M	1st	<i>Study on the effect of a chelator on yeast</i>
Ingolf Zies	1992	M	2nd	<i>New global lighting model based on radiosity</i>
Oliver Trapp	1992	M	TRAVEL AWARD TO THE INTERNATIONAL SCIENCE AND ENGINEERING FAIR (ISEF), USA	<i>Study on the effect of a chelator on yeast</i>
Jan-Cristoph Puchta	1993	M	2nd	<i>Fermat's last theorem</i>
Peter Seidel	1993	M	2nd	<i>Ball lightning, an investigation</i>
Jurgen Scherschmidt Jochen Scherschmidt	1993	MM	2nd	<i>A user-friendly video recorder</i>
Oliver Kruger	1994	M	1st	<i>The ecology of the common buzzard and goshawk</i>
Eike Lau	1994	M	1st	<i>Internal addresses in the Mandelbrot set</i>
Kai Eberspacher Dominik Zayer Andreas Gorbach	1994	MMM	3rd	<i>Computer-controlled waste-water purification</i>

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Oliver Krüger	1994	M	TRAVEL AWARD TO THE INTERNATIONAL SCIENCE AND ENGINEERING FAIR (ISEF), USA	<i>The ecology of the common buzzard and goshawk</i>
Sven Siegle	1995	M	1st	<i>Natural pulping or paper from straw</i>
Oliver Hantschel Kai Krüger Nicole Stroh	1995	MMF	2nd	<i>Is isoguanine selectively mutagenic during virus replication?</i>
Sven Siegle	1995	M	TRAVEL AWARD TO THE LONDON INTERNATIONAL YOUTH SCIENCE FORUM (LIYSF)	<i>Natural pulping or paper from straw</i>
Oliver Hantschel Kai Krüger Nicole Stroh	1995	MMF	TRAVEL AWARD TO THE INTERNATIONAL SCIENCE AND ENGINEERING FAIR (ISEF), USA	<i>Is isoguanine selectively mutagenic during virus replication?</i>
Tobias Kippenberg	1996	M	1st	<i>A car ice-detection system based on electromagnetic waves</i>
Andreas Derr	1996	M	3rd	<i>MediNet: an intelligent system for medical diagnosis</i>
Tobias Kippenberg	1996	M	TRAVEL AWARD TO THE INTERNATIONAL SCIENCE AND ENGINEERING FAIR (ISEF), USA	<i>A car ice-detection system based on electromagnetic waves</i>
Eike Hübner	1997	M	1st	<i>Permanent self-conducting polymers</i>
Sebastian Hauer Jan Nieberle	1997	MM	2nd	<i>A circular saw active security-system</i>
Sebastian Hauer Jan Nieberle	1997	MM	TRAVEL AWARD TO THE INTERNATIONAL SCIENCE AND ENGINEERING FAIR (ISEF), USA	<i>A circular saw active security-system</i>

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Eike Hübner	1997	M	TRAVEL AWARD TO THE INTERNATIONAL SCIENCE AND ENGINEERING FAIR (ISEF), USA	<i>Permanent self-conducting polymers</i>
Karsten Weiss	1998	M	2nd	<i>Digi Cow: a completely new type of milking machine</i>
Juliane Richter	1998	F	3rd	<i>The phenomenon of fluctuation in concentration</i>
Sebastian Gschwender Michael Rödel	1999	MM	2nd	<i>FinoPro simulates mechanical events, using finite elements</i>
Jasmin Roya Djannatian	2000	F	2nd	<i>Cytotoxicity of different mistletoe preparations on leukaemic cells</i>
Jasmin Roya Djannatian	2000	F	TRAVEL AWARD TO THE NOBEL PRIZE CEREMONY	<i>Cytotoxicity of different mistletoe preparations on leukemia cells</i>
Sebastian Abel	2001	M	1st	<i>Cloud</i>
Sebastian Abel	2001	M	SPECIAL PRIZE	<i>Cloud</i>
Manuel Benda Karl-Peter Fritz Peter Reinhardt	2001	MMM	SPECIAL PRIZE	<i>New optical brighteners on a natural basis</i>
Johannes Kuhnert	2001	M	SPECIAL PRIZE	<i>Development of a simulation model for surge arresters</i>
Pawel Piotrowski	2002	M	1st	<i>Special wings and ground effect for efficient transportation</i>
Martin Etzrodt Martin von der Helm	2002	MM	1st	<i>The slime mold physarum as a model organism for biotesting</i>
Pawel Piotrowski	2002	M	TRAVEL AWARD TO THE NOBEL PRIZE CEREMONY (Stockholm International Youth Science Seminar)	<i>Special wings and ground effect for efficient transportation</i>
Pawel Piotrowski	2002	M	ALUMNI PRIZE	<i>Special wings and ground effect for efficient transportation</i>
Elisabeth Krause Sebastian Bürgel	2002	FM	SPECIAL PRIZE	<i>Gravitation rules</i>
Jana Ivanidze	2003	F	1st	<i>pH sensitive GFP mutant</i>
Uwe Treske	2003	M	1st	<i>Low-cost scanning tunneling microscope</i>
Uwe Treske	2003	M	SPECIAL PRIZE	<i>Low cost scanning tunnelling microscope</i>
Mario Chemnitz	2004	M	1st	<i>Ultrasonic detector for gas chromatography</i>
Roland Bauerschmidt	2004	M	2nd	<i>Internet access for guests</i>
Mario Chemnitz	2004	M	SPECIAL DONATED PRIZE BY THE EPO AND EIROforum	<i>Ultrasonic detector for gas chromatography</i>

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Michael Achtelik	2004	M	SPECIAL DONATED PRIZE BY THE EPO AND EIROforum	<i>Miniaturized turbo jet engine</i>
Roland Bauerschmidt	2004	M	HOST ORGANISATION SPECIAL DONATED PRIZES	<i>Internet access for guests</i>
Igor GOTLIBOVITCH Renate LANDIG	2005	MF	FIRST PRIZE (€5000)	<i>Corners in water - unexpected symmetry breaking in fluid dynamics</i>
Stephen SCHULZ	2005	M	SECOND PRIZE (€3000)	<i>Lab on the chip - new perspectives with electrons as universal reagent</i>
Igor GOTLIBOVITCH	2005	MF	HONORARY	<i>Corners in water - unexpected symmetry breaking in</i>
Stephen SCHULZ	2005	M	SPECIAL	<i>Lab on the chip - new perspectives with electrons as</i>
Johannes BURKART Alexander JOOS	2006	M M	FIRST PRIZES (€5000)	<i>Flight curves of table tennis balls</i>
Thomas GIGL	2006	M	SECOND PRIZES	<i>Radial velocity measurement of spectroscopic binaries</i>
Johannes BURKART Alexander JOOS	2006	MM	HONORARY AWARD: STOCKHOLM INTERNATIONAL YOUTH SCIENCE SEMINAR	<i>Flight curves of table tennis balls</i>
Denis MOELLER	2006	M	SPECIAL DONATED PRIZE	<i>Climatic differences in the region of Hildesheim</i>
Thomas GIGL	2006	M	SPECIAL DONATED PRIZE BY THE EPO AND EIROforum	<i>Radial velocity measurement of spectroscopic binaries</i>
Florian Ostermaier Henrike Wilms	2007	MF	FIRST PRIZES (€5000)	<i>Flashing Water Drops</i>
Florian Schnös	2007	M	THIRD PRIZES (€1500)	<i>SmartCam – Development of a universal 3D-Camera</i>
Florian Ostermaier Henrike Wilms	2007	MF	HONORARY AWARD: STOCKHOLM INTERNATIONAL YOUTH SCIENCE SEMINAR	<i>Flashing Water Drops</i>
Raphael Errani	2007	M	SPECIAL DONATED PRIZES BY THE EPO AND EIROforum	<i>Impact Probability of Asteroids on Earth</i>
David Wittkowski	2008	M	SECOND PRIZES (€5000)	<i>Polygonal structures on rotating fluid surfaces</i>

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Anja Massolle Lisa Schowe	2008	FF	SPECIAL DONATED PRIZE: International Sustainable World Project Olympiad	<i>When leaves turn red... Chlorophyll fluorescence as a quantitative indicator of plant damage</i>
Steffen Strobel	2009	M	THIRD PRIZES (€3500)	<i>Development of a near-infrared vein imaging system</i>
Steffen Strobel	2009	M	SPECIAL DONATED PRIZES BY THE EPO AND EIROforum	<i>Development of a near-infrared vein imaging system</i>
Julian Petrasch	2009	M	SPECIAL DONATED PRIZES BY THE EPO AND EIROforum	<i>SAMS - improved determination of minor planet positions</i>
Simon Schuldt	2010	M	SECOND PRIZES (€5000)	<i>Aircraft Of The Future - A Practise-based School Project</i>
Luca Banszerus Michael Schmitz	2010	MM	SECOND PRIZES (€5000)	<i>Production And Charaterization Of Graphene Devices</i>
Simon Schuldt	2010	M	SPECIAL DONATED PRIZES BY THE EPO AND EIROforum	<i>Aircraft Of The Future - A Practise-based School Project</i>
Andreas Lang	2010	M	HOST ORGANISATION SPECIAL DONATED PRIZES	<i>Face Detection Using Swarm Intelligence</i>
Benjamin Walter	2011	M	SECOND PRIZES (€5000)	<i>Scanning Tunnelling Microscopy of Coronene Molecules on Germanium (111)</i>
Gabriel Salg Nicolas Scheidig	2011	MM	SPECIAL DONATED PRIZES BY THE Joint Research Centres (JRC) Prize	<i>The New Magic Formula For Eliminating Bad Breath: C42h70o35</i>
Danial Sanusi Xianghui Zhong Fabian Henneke	2011	MMM	SPECIAL DONATED PRIZES - The Intel ISEF 2012 Prizes	<i>(almost) Unit-distance Points In The Polychromatic Plane - Colourings Of The N-dimensional Space</i>

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Jan Michael Rapp Timo Schmetzer	2012	MM	2nd	<i>Information technology for a feedback control</i>
Timm Piper	2012	M	SPECIAL DONATED PRIZES BY THE EPO AND EIROforum (EFDA: The European Fusion Development Agreement)	<i>Darkfield contrast microscope</i>
Alexander Emhart	2012	M	HOST ORGANISATION SPECIAL	<i>Electrolytic raffination of hydrogen</i>
Lennart Kleinwort (15)	2013	M	2nd	<i>FreeGeo – the world's first dynamic Android mathematics system app</i>
Daniel Pflueger (18)	2013	M	3rd	<i>Measuring water waves</i>
Michael Laue (18)	2013	M	SPECIAL DONATED PRIZES BY ESRF: The European Synchrotron Radiation Facility	<i>Preparation of Electrically Conductive Carbon Layers by Chemical Converting Graphene Oxide</i>
Adrian Huck (19) Daniel Heid (19) Rafael Dieter Quadbeck (17)	2014	MMM	SPECIAL DONATED PRIZES BY JRC - Joint Research Centre	<i>Thiothrix sp. – Investigation of sulfur oxidizing bacteria for the sensor-controlled desulfurization of biogas</i>
Anselm Bernhard Peter Dewald (19), Philipp Mandler (18) Robin Braun (18)	2014	MMM	3rd	<i>Hexapod - Construction and Programming of a six- legged exploration robot</i>
Lukas Stockner (18)	2015	M	1st	<i>Statistical modeling of volume-scattered light</i>
Anselm von Wangenheim (18)	2015	M	3rd	<i>Monopod - Physics at the tipping point</i>
Lukas Stockner (18)	2015	M	Stockholm International Youth Science Seminar 2015	<i>Statistical modeling of volume-scattered light</i>
Anselm von Wangenheim (18)	2015	M	SPECIAL DONATED PRIZE BY EIROFORUM - ESA	<i>Monopod - Physics at the tipping point</i>

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Jakob Paul Ignaz Maria Dichgans (17) Daniel Simon Riesterer (18) Lumen Latus Haendler (19)	2015	MMM	SPECIAL DONATED PRIZE - Intel ISEF 2016 Prize	<i>Power to gas - an alternative approach</i>
Tassilo Constantin Schwarz (17)	2016	M	The Second Prize	<i>Drone detection system: Detection, tracking and classification of potentially dangerous flight objects for multicopter defence</i>
Tassilo Constantin Schwarz (17)	2016	M	EIROFORUM - ESO - The European Southern Observatory	<i>Drone detection system: Detection, tracking and classification of potentially dangerous flight objects for multicopter defence</i>
Ivo Zell (18)	2016	M	The Second Prize	<i>A wing is enough: An improved flying wing based on a bell-shaped lift distribution</i>
Ivo Zell (18)	2016	M	Stockholm International Youth Science Seminar 2016	<i>A wing is enough: An improved flying wing based on a bell-shaped lift distribution</i>
Christian Schärf (19) Paul Rathke (18) Friedrich Wanierke (17)	2016	MMM	EuCheMS special donated prize for chemistry	<i>Alpha-aluminium oxide-based gemstones: Development of a chemical synthesis process prompted by current mining conditions</i>
Arne Jakob Geipel (16) Matthias Paul Grützner (16) Julian Egbert (16)	2017	MMM	THIRD PRIZES	<i>Liquid stream hits rough surfaces – showing an extraordinary and stable wave pattern</i>
Arne Jakob Geipel (16) Matthias Paul Grützner (16) Julian Egbert (16)	2017	MMM	SPECIAL DONATED PRIZES BY THE EIROForum - EUROfusion - JET	<i>Liquid stream hits rough surfaces – showing an extraordinary and stable wave pattern</i>
Johannes Nicolas Waller (18) Philipp Nikolas Kessler (17)	2017	MM	SPECIAL DONATED PRIZES BY THE EIROForum - ESRF	<i>Fehling's solution – Do we need a new interpretation?</i>
Philipp Sinnewe (18)	2017	M	Host Organizer Special Donated Prizes - Salvetti Foundation	<i>A more energy-efficient aeroplane engine</i>