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2013

Prof. Dr. Reza S. Abhari
- Prof. Reza S. Abhari has been selected to receive the "2014 R. Tom Sawyer Award" for significant contributions to the gas turbine industry in both the U.S. and Europe, and for exemplary service to the IGTI (International Gas Turbine Institute).

Prof. Dr. Konstantinos Boulouchos
- Dr. Christos Frouzakis of the Aerothermochemistry and Combustion Systems Laboratory together with Dr. Paul Fischer, Argonne National Laboratory and Prof. Ananias Tomboulides, University of Western Macedonia, Greece were awarded 100 million processor hours in the 10-petaflop Blue Gene/Q Supercomputer Mira at the Argonne Leadership Supercomputing Facility for 2014 in the frame of an INCITE Grant from the Office of Science of the US Department of Energy to study forced- and auto-ignition in spherical and engine-like geometries through Direct Numerical Simulations. The Innovative and Novel Computational Impact on Theory and Experiment (INCITE) Program awards computational time on some of the world's fastest supercomputers to researchers with computationally intensive projects in science and engineering.
- Prof. Konstantinos Boulouchos has been elected Member of the Swiss Academy of Engineering Sciences (SATW). He has been also appointed representative of SATW to the Energy platform of the European Council of Academies of Applied Sciences, Technology and Engineering (together with Prof. L. Bretschger of D-MTEC).

Prof. Dr. Raffaello D’Andrea
- Dr. Angela Schöllig received the ETH medal.

Prof. Dr. Jürg Dual
- Dr. Stephan Kaufmann, senior scientist with Prof. Dual, wins the "Goldene Eule 2013", an award from ETH students, for his excellent teaching in Mechanical Systems.
- Ivo Leibacher and Andreas Lamprecht, Doctoral candidates with Prof. Jürg Dual, received an Honorable Mention for the R. W. B. Stephens Prize at the International Congress on Ultrasonics in Singapore.

Prof. Dr. Christoph Glocker
- Gabriel Nützi, Doctoral candidate with Prof. Christoph Glocker, has been awarded the "Ernst-Blickle-Studienpreis 2012".

Prof. Dr. Lino Guzzella
- The Swiss Federal Council has appointed Lino Guzzella, ETH Rector and Professor of Thermotronics, as the future ETH President. He will be taking over from Ralph Eichler who is retiring at the end of 2014. By taking this decision, the Swiss Government has endorsed the unanimous proposal made by the ETH Board.
- Prof. Lino Guzzella has been invited to visit the University of California at Berkeley as the Russell Severance Springer Professor.
- Norbert Zsiga, Doctoral candidate with Prof. Lino Guzzella at IDSC, has been awarded the SGA Förderpreis 2013 for his excellent Master Thesis "Indirect Boosting of Turbocharged SI Engines".

Prof. Dr. Christofer Hierold
- Dr. Clémentine Marie Françoise Boutry received the ETH medal.

Prof. Dr. Petros Koumoutsakos
- Prof. Koumoutsakos has been awarded a prestigious Advanced Grant from the European Research Council (ERC). The grant will provide a total of 2.5 million Euros over five years to study the Fluid Mechanics of Collective Behavior.
- Dr. Mattia Gazzola received the ETH medal.
- For its simulations of imploding cloud cavitation bubbles, the team around Prof. Koumoutsakos was awarded the prestigious Gordon Bell Prize for high-performance computing.

Prof. Dr. Edoardo Mazza
- Dr. Minh Son Pham received the ETH medal.

Prof. Dr. Marco Mazzotti
- Jan Winkler, Pascal Oehler, Bilal Özkan Lafci, Andreas Krättli und Robin Mutschler, Bachelor students with Prof. Mazzotti, have been awarded the “DVGW Studienpreis Gas 2013” for their focus project „Carbon Storage Showcase“.

Prof. Dr. Bradley Nelson
- Kahtrin Peyer, Doctoral candidate with Prof. Bradley Nelson, received the 'Best Paper Award' for her paper 'Bacteria-inspired magnetic polymer composite microrobots' at the Living Machines 2013 conference.
- Dr. Salvador Pané Vidal, senior researcher at Prof. Nelson's Multi-Scale Robotics Lab, has been awarded the highly competitive Starting Grant from the European Research Council (ERC). The grant will provide 1.5 million euros over five years to investigate composite nanomaterials with magnetoelectric properties for chemical and biomedical applications.

Prof. Dr. David Norris
- Prof. Norris has been awarded a prestigious Advanced Grant from the European Research Council (ERC). The grant will provide a total of 2.5 million Euros over five years to study novel nanoscale light sources known as spasers.

Prof. Dr. Dimos Poulikakos
- Dr. Daniele Foresti received the ETH medal.

Prof. Dr. Sotiris Pratsinis
- Rena Goudeli, Doctoral candidate with Prof. Sotiris Pratsinis, has been awarded the EAC Best Poster Award 2013.
• Georgios Sotiriou, former Doctoral candidate with Prof. Sotiris Pratsinis, has been awarded the HILTI-Prize for innovative research 2013.
• Prof. Yannis Deligianakis and Dr. Georgios Sotiriou from Prof. Pratsinis’ team won a “TechConnect2013 Innovation Award” at the “Nanotech2013” in Washington DC, USA.
• Dr. Maximilian Ludwig Eggersdorfer received the ETH medal.

Prof. Dr. Roland Siegwart
• Michael Neunert, former Master student with Prof. Siegwart, received the Johann Puch Innovation Award 2012 for his Master Thesis at the Autonomous Systems Lab.
• Dr. Marco Hutter received the ETH medal.

Prof. Dr. Aldo Steinfeld
• Prof. Steinfeld received the Heat Transfer Memorial Award 2013 by the ASME - American Society of Mechanical Engineers.
• Prof. Steinfeld received the Farrington Daniels Award 2013 by the ISES - International Solar Energy Society. This is the premier world award given for outstanding intellectual leadership in the field of solar energy.
• Prof. Aldo Steinfeld received a 2.5 Million Euro from the European Research Council for his ERC research project to produce clean fuels from water (H2O), carbon dioxide (CO2) and solar energy efficiently.

2012
Prof. Dr. Konstantinos Boulouchos
• Prof. Boulouchos has been appointed member of the newly established Permanent Energy Commission of the Swiss Academies of Arts and Sciences.
• Seven ETH Scientist get one of the renowned ERC Advanced Grant of 17 Mio. Swiss Franken. Senior Scientist Dr. Ilya Karlin of the Institute for Energy Technology gets 1,9 Million for his projekt of a novel calculation method for fluid dynamics which is based on a drastically reducted molecular image of particles.
• Annelies Vandersickel, until end of 2011 doctoral student at the Laboratory for Aerothermochemistry and Combustion Systems from Prof. Boulouchos' team, received the Kamm-Jante-Medal 2012 for the best dissertation in the German speaking area on the field of combustion engines.
• PD Dr. Ioannis Mantzaras, senior lecturer at D-MAVT and Head of the Combustion Fundamentals Group at the Paul Scherrer Institute and Dr. Yohannes Ghermay, former doctoral student of Prof. Boulouchos, received the outstanding Silver Medal Award from the Institute of Combustion for their publication "Experimental and numerical investigation of hetero-/homogenous combustion of CO/H2/O2/N2 mixtures over platinum at pressures up to 5 bar".
Prof. Dr. Raffaello D’Andrea

- Federico Augugliaro and Robin Ritz, both Doctoral candidates with Prof. D'Andrea at IDSC, have jointly been awarded the Hans-Eggenberger-Prize 2012 for their excellent Master's Theses.
- Mark Müller won the Jakob Ackeret Award 2011 for his master thesis "Quadrocopter Ball Juggling".

Prof. Dr. Lino Guzzella

- Lino Guzzella, MAVT-Professor for Thermotronics, became rector of ETH Zürich. The ETH Board has elected him as a member of the Executive Board. This complies with the request of ETH President Ralph Eichler. Lino Guzzella is following in the footsteps of Heidi Wunderli-Allenspach, who is due to retire at the end of July 2012.

Prof. Dr. Pavel Hora

- Niko Manopulo won the ETH medal.

Prof. Dr. Patrick Jenny

- Hadi Hajibeygi won the ETH medal.

Prof. Dr. Leonhard Kleiser

- Dr. Rolf Dietrich Henniger, a doctoral student of Prof. Leonhard Kleiser, wins for his doctoral thesis «Direct and Large-Eddy Simulation of Particle Transport Processes in Estuarine Environments» the "George A. Fischer-Preis 2012".

Prof. Dr. Petros Koumoutsakos

- Computational Science and Engineering Laboratory lead by Prof. Petros Koumoutsakos won the Gallery of Fluid Motion Award at the 65th Annual Conference of the Division of Fluid Dynamics of the American Physical Society, November 19-20, 2012, in San Diego, CA.
- Prof. Petros Koumoutsakos has been elected Fellow of the American Physical Society (APS), upon recommendation of the Division of Fluid Dynamics. Election to APS Fellowship is limited to no more than one half of one percent of the membership and is recognition by peers of his outstanding contributions to physics.
- Prof. Petros Koumoutsakos has been elected Fellow of the ASME (American Society of Mechanical Engineers). Fellow Grade is the highest elected grade of membership within ASME, the attainment of which recognizes exceptional engineering achievements and contributions to the engineering profession. Also ASME fellows are Prof. Reza Abhari, Prof. Jürg Dual, Prof. Bradley Nelson, Prof. Dimos Poulakakos and Prof. Aldo Steinfeld.

Prof. Dr. Bradley Nelson

- Ms. Peyer won 2012 the Best Student Paper Award at IROS.
Prof. Dr. David Norris
- Prof. David Norris won the "Goldene Eule 2012", an award from ETH students, for his excellent teaching in Process Engineering.

Prof. Dr. Dimos Poulikakos
- Tobias Lendenmann, student from Prof. Dimos Poulikakos, came in second place for his Bachelor thesis in the Top Bachelor contest from NZZ.
- Prof. Dimos Poulikakos was selected to receive a Distinguished Engineering Alumni Award from the University of Colorado Boulder/USA. The awards are scheduled to be presented on Friday evening, 27 April 2012 in Boulder.
- Prof. Dimos Poulikakos was plenary speaker at the ASME 2012 3rd Micro/Nanoscale Heat & Mass Transfer International Conference which was taking place March 3-6 in Atlanta/Georgia/USA. He was talking of "Less is More: Fundamental Aspects and Novel Technologies with Small Droplets and even Smaller Particles".

Prof. Dr. Sotiris Pratsinis
- Dr. George Sotiriou won the ETH medal.
- Dr. Max Eggersdorfer from Prof. Pratsinis' team won a poster prize [15 prizes out of 2'500+ poster presentations] at the 2012 Fall Meeting of the Materials Research Society in Boston, USA.
- Dr. George Sotiriou from Prof. Pratsinis' team won the 2012 Best PhD Thesis Award from the Division of Polymers and Colloids of the Swiss Chemical Society. He will receive it at its annual meeting on April 20th in Fribourg.
- Professor Pratsinis delivers the 9th Annual L.M. Fingerson / TSI Inc. Distinguished Lecture at the University of Minnesota on May 17.

Prof. Dr. Philipp Rudolf von Rohr
- Thomas Pielhop, doctoral student from Prof. Philipp Rudolf von Rohr, received the Poster Award 2012 of the Zurich-Basel Plant Science Center PhD Symposium: Plants Replacing Fossil Fuels?

Prof. Dr. Roland Siegwart
- C. David Remy won the ETH medal.
- Ming Liu, Doctoral student from Prof. Roland Siegwart, has won Winning Prize for the seventh Chunhui CupPioneering Competition for Overseas Chinese Scholars (2012), hosted by the Ministry of Science and Technology and Ministry of Education in China, for the proposal entitled “Autonomous Agriculture Machinery: Design, Integration and Optimization”.

Prof. Dr. Aldo Steinfeld
- Dr. Loutzenhisier, post-doc in Steinfeld’s lab, was appointed Assistant Professor at Georgia Tech/USA.
- Dr. Sophia Haussener, doctoral student in Steinfeld's lab, won the ABB Forschungspreis 2012 for her doctoral thesis on "Tomography-based determination of effective heat and mass transport properties of complex multi-phase media".

**Prof. Dr. Andreas Stemmer**
- Antje Rey from Prof. Stemmer's Nanotechnology Group was awarded with an IBM Ph. D. Fellowship. It says in the Award Notification: "This award is highly competitive and recognizes your student as well as the quality of your institution."

**2011**

**Prof. Dr. Konstantinos Boulouchos**
- Prof. Boulouchos was appointed as "Beirat für die Energiestrategie 2050" (Council for energy strategy 2050).

**Prof. Dr. Raffaello D'Andrea**
- Sebastian Trimpe and Raffaello D'Andrea won the IFAC World Congress Interactive Paper Prize. Their paper, "An Experimental Demonstration of a Distributed and Event-based State Estimation Algorithm", was selected from 450 interactive papers presented at the triennial congress held in Milan.

**Prof. Dr. Jürg Dual**
- Prof. C. Glocker was voted into the advisory committee of the "Federation Internationale de Bobsleigh et de Toboggan" (FIBT).

**Prof. Dr. Paolo Ermanni**
- Compliant concept received an innovations voucher in the field of Life Sciences. Compliant Concept is a Spin-off of Mazza's Center for Mechanics and Ermanni's Center of Structure Technologies. The price is to be worth 300 000 SFr. Philochem, another ETH-spin-off, and Lonza received the other two prices.

**Prof. Dr. Roger Gassert**
- Dr. Marie-Christine Fluet from Prof. Gassert's Rehabilitation Engineering Lab received the Best Poster Award at the 2011 International Conference on Rehabilitation Robotics (ICORR 2011).

**Prof. Dr. Lino Guzzella**
- Prof. Lino Guzzella nominated to the ETH Board for the post of Rector. That was the decision of the ETH Professorial Conference with 373 of 400 voices.
- Philipp Elbert, doctoral student in Prof. Lino Guzzella's team, is Switzerland's regional winner of the European Satellite Navigation Competition (ESNC) with his project AHEAD (Advanced Hybrid Electric Autobus Design). He made also 2nd place in the overall ranking.
- Philipp Elbert from Prof. L. Guzzella's IDSC group received the Hans-Eggenberger Award 2010 for his outstanding research work. The MAVT graduate devoted himself to improving the energy efficiency of the Advanced Hybrid Electric Autobus.
Prof. Lino Guzzella was appointed as an IEEE Fellow for his contributions to automotive control systems to reduce pollution emission and fuel consumption.

Prof. Dr. Christofer Hierold
- Dr. Lukas Durrer from Prof. Ch. Hierold's group received the Georg A. Fischer Award 2011 for his excellent doctoral thesis "Controlled Single-Walled Carbon Nantotube Growth for Sensing Applications".

Prof. Dr. Wolfgang Kröger
- The Technische Universität München awarded Prof. Kröger with the honorary title of "TUM Distinguished Affiliated Professor" for his work, which has had an international impact as well as has been a driving force in the scientific scene.

Prof. Dr. Edoardo Mazza
- compliant concept received an innovations voucher in the field of Life Sciences. Compliant Concept is a Spin-off of Mazza's Center for Mechanics and Ermanni's Center of Structure Technologies. The price is to be worth 300 000 SFr. Philochem, another ETH-spin-off, and Lonza received the other two prices.

Prof. Dr. Marco Mazzotti
- Dr. Johannes Kluge from Prof. Mazzotti's Team won the ETH medal.
- Johannes Kluge with Prof. M. Mazzotti's Team (Institute of Process Engineering) won a Poster Prize for his poster with the title "Stability of Amorphous Nano-formulations: The Solubility of Ketoprofen in Colloidal PLGA".

Prof. Dr. Ralph Müller
- Dr. Friederike Schulte from Prof. Müllers' Team won the ETH medal.
- Luc Nimeskern, a doctoral student at the Institute for Biomechanics, received a scholarship to attend the Summer School on Biomaterials and Regenerative Medicine in Riva del Garda, Italy. The scholarship comes with an award prize of 400 Euro sponsored by the European Institute of Excellence on Tissue Engineering and Regenerative Medicine and TERMIS-EU.
- Laura Nebuloni, doctoral student from the Institute for Biomechanics received the Best Presentation Award at the 2nd TOPEA Meeting in Barcelona, Spain for her presentation, "A new imaging method for the in vivo assessment of angiogenesis using time-lapsed contrast-enhanced micro-computed tomography."
- Dr. Benjamin Thimm from the Institute for Biomechanic was awarded with the European Doctoral Award from the European Society of Biomaterial for his thesis, "The importance of multi-modality imaging for the assessment of combined bone and vascular tissue engineering."
- Dr. Dr. Silvio Lorenzetti, a senior research associate at the Institute for Biomechanics, received the Antarctica Service Medal of the United States of America from the National Science Foundation for his service in Antarctica and in recognition of his valuable contributions to exploration and scientific achievement in the U.S. Antarctic Program.
- Dr. Renate List from the Institute for Biomechanics received the International Society of Biomechanics Award 2011.
• Roberto Carretta, a doctoral student from Prof. R. Müller's group, received an ISB Student Dissertation Award from the International Society of Biomechanics (ISB).

Prof. Dr. Bradley Nelson
• The Artificial Bacterial Flagella (ABFs) made it into the Guinness Book of Records for 2012, described as "Most Advanced Mini Robot for Medical Use".
• The paper "Steerable Intravitreal Inserts for Drug Delivery: In Vitro and Ex Vivo Mobility Experiments" by Christos Bergeles, Michael P. Kummer, Bradley E. Kratochvil, Carsten Framme, and Bradley J. Nelson was a finalist for the Medical Robotics and CAI Systems Award at this year's MICCAI held in Toronto 18-22 September. MICCAI 2011 is the 14th International Conference on Medical Image Computing and Computer Assisted Intervention.
• Kathrin Eva Peyer from the IRIS Group received the Student Award 2010 from the SEW-EURODRIVE Stiftung for her excellent master thesis "Characterization of Frequency-dependent Swimming Behavior of Artificial Bacterial Flagella".
• The ETH Spin-off company Aeon Scientific won the final round of Venture Kick and received another 100'000 CHF in funds.

Prof. Dr. Hyung Gyu Park
• Prof. Hyung Gyu Park received the 2011 MRC Sandpit Award.

Prof. Dr. Dimos Poulikakos
• Dr. Brian Burg from Prof. Poulikakos' Team won the ETH medal.
• Prof. Dimos Poulikakos won the 2011 Max Jacob Memorial Award. The Prize is considered the most prestigious award recognizing eminent achievement in the field of heat transfer and it was established in 1961 by the ASME (American Society of Mechanical Engineers) Heat Transfer Division.

Prof. Dr. Sotiris Pratsinis
• Dr. Robert Büchel from Prof. Pratsinis' Team won the best poster award of the Catalysis and Reaction Engineering Poster Session of the 2011 AIChE Annual Meeting in Minneapolis, USA.
• Dr. Robert Büchel from Prof. Pratsinis' Team won the ETH medal.
• Max Eggersdorfer from Prof. Pratsinis' team won the best poster award of the Particle Technology Forum at the Annual Meeting of the AIChE in Minneapolis, USA.
• George Sotiriou from Prof. Pratsinis' team won the first place, BioNanotechnology Graduate Student Award for his paper at the 2011 Annual Meeting of AIChE in Minneapolis, USA.
• Max Eggersdorfer from Prof. Pratsinis' team won the best poster award for aerosol fundamentals at the 2011 European Aerosol Conference in Manchester, UK.
• Prof. Sotiris Pratsinis was presented with the Alexander von Humboldt Award for senior scientists.
Prof. Dr. Philipp Rudolf von Rohr
- Prof. Philipp Rudolf von Rohr was appointed member of the Nuclear Safety Commission. The NSC advises the Federal Council, the Federal Department of the Environment, Transport, Energy and Communications (DETEC) and the Federal Nuclear Safety Inspectorate (FNSI) on matters relating to the safety of nuclear facilities.

Prof. Dr. Robert Rieners
- Dr. Alexander Duscha-Wicke from Prof. Rieners' Team won the ETH medal.

Prof. Dr. Roland Siegwart
- Robin Born, from Prof. Siegwart's ASL Group, won the 2011 SAEE Student Award for his master thesis "Fueling Renewable Energy Diffusion in non-OECD Countries" with supervisor Prof. Hoffman from MTEC.
- Sammy Omari and Dr. Samir Bouabidallah from Prof. Siegwart's Autonomous Systems Lab have received the De Vigier Award 2011 with the Spin-off Skybotix.

Prof. Dr. Jess Gerrit Snedeker
- Daniel Baumgartner and Philippe Favre from Prof. Snedeker's biomechanic group were awarded the Posterpreis from the Gesellschaft für Biomechanik DGfB in Murnau.
- Philippe Favre from Prof. Snedekers's biomechanic group received the Swiss Society of Biomedical Engineering Research Award at the annual meeting of the SSBE in Bern, Switzerland (August 22, 2011). The award was given for his outstanding PhD dissertation (“A model to study active shoulder motion and stability”).

Prof. Dr. Aldo Steinfeld
- Dr. Sophia Haussener from Prof. Steinfelds' Team won the ETH medal.
- Illias Hirsch, former student of D-MAVT, who received a doctor's degree at the Institute of Energy Technology with Prof. Aldo Steinfeld, was awarded the "swisselectric research award" for the development of a sunray receiver.
- Prof. Dr. Aldo Steinfeld was named as an individual member by the SATW in recognition of his contributions as a Pioneer in the field of solar chemical energy engineering research and industrial practice.
- Prof. Aldo Steinfeld received the Idee-Suisse Award 2011 for the pioneering development of a novel solar reactor.

2010
Prof. Dr. Reza S. Abhari
- Dr. Thomas Mokulys, past doctoral student of Prof. R. Abhari, has been awarded the Donald Julius Groen Prize by the Thermofluids Group of the Institution of Mechanical Engineers for his paper "Unsteady numerical investigation of the effects of wakes with eddy shedding in different axial turbine aerofoils".
Prof. Dr. Konstantinos Boulouchos

- Patrick Kirchen, past doctoral student of Prof. K. Boulouchos, has been awarded the Kamm-Jante-Medal 2010 from the scientific association WKM for the best thesis in the area of Motor Technology in the German area.

Prof. Dr. Raffaello D'Andrea

- Prof. R. D'Andrea wins the Goldene Eule 2010 award for teaching excellence.
- Prof. R. D'Andrea held a plenary presentation at 2010 IEEE International Conference on Robotics and Automation from May 3-8, 2010 in Anchorage, Alaska.

Prof. Dr. Jürg Dual

- Dr. Stefano Oberti received the Georg A. Fischer Award 2010 for his excellent Thesis entitled "Micromanipulation of Small Particles within Micromachined Fluidic Systems Using Ultrasound", carried out under the supervision of Prof. J. Dual.

Prof. Dr. Paolo Ermanni

- The Spin-off compliant concept received the CTI Medtech Award 2010 for its "Intelligent Bed System for the Prevention and Therapy of Decubitus Ulcers".

Prof. Dr. Lino Guzzella

- Dr. Christian Dönitz from Prof. Dr. Guzzella's Team has been awarded the ETH Medal 2010 for his outstanding dissertation "Hybrid Pneumatic Engines".
- The research project «Hybrid Pneumatic Engine» of the Institute for Dynamic Systems and Control was awarded the KPMG's Inspiration Grant.
- Stephan Zentner received the Graduate Prize of the SEW-Eurodrive Foundation for his excellent master thesis "Supercharging a Pneumatic Hybrid Engine (PHybE) Design, Identification and Control" under the supervision of Prof. Guzzella.
- The hybrid pneumatic engine team of Prof. L. Guzzella was awarded the Swiss energy award "Watt d'Or 2010" by the Swiss Federal Office of Energy SFOE for its contributions towards a better fuel economy of passenger cars.

Prof. Dr. Christofer Hierold

- Dr. Thomas Markus Helbling from Prof. Hierold's Group has been awarded the ETH Medal 2010 for his outstanding dissertation "Carbon Nanotube Field Effect Transistors as Electromechanical Transducers".
- Etienne Schwyter as part of the Spin-off greenTEG has received the De Vigier Award 2010.
- Dr. Thomas Helbling wins together with Marta Bally and Anja Hänzi the Materials Research Prize 2010, which was awarded for the first time at ETH Zurich, and which honors his outstanding research work during his PhD under the supervision of Prof. Ch. Hierold.
Prof. Dr. Leonhard Kleiser

- Prof. L. Kleiser has been elected by the American Physical Society (APS) as Fellow of the American Physical Society for pioneering contributions to the development of accurate numerical methods for computational fluid dynamics, and for their application.
- Prof. Kleiser's team in collaboration with our partners at the University Hospital Zurich (USZ) and the University Stuttgart received the "Award for the best poster at the 97th Convention of the Swiss Society of Oto-Rhino-Laryngology, Head and Neck Surgery (SGORL) titled Effects of Stapes Rocking Motions on Cochlea Response.

Prof. Dr. Edoardo Mazza

- The Spin-off compliant concept received the CTI Medtech Award 2010 for its "Intelligent Bed System for the Prevention and Therapy of Decubitus Ulcers".

Prof. Dr. Marco Mazzotti

- Dr. Jeroen Cornel from Prof. Dr. Mazzotti's Team has been awarded the ETH Medal 2010 for his outstanding dissertation "In situ monitoring and modelling of crystallization process".
- Dr. Ronny Pini with Prof. M. Mazzotti's team is awarded the ABB Forschungspreis 2010 for his excellent PhD thesis "Enhanced Coal Bed Methane Recovery Finalized to Carbon Dioxide Storage".
- Johannes Kluge with Prof. M. Mazzotti's Team (Institute of Process Engineering) won the ISMANAM Poster Prize for his poster with the title Stability of Pharmaceutical Drug-Polymer Nano-Composites Produced by Supercritical Fluid Extraction of Emulsions.
- Prof. M. Mazzotti has been elected President of the International Adsorption Society for the term 1 July 2010 to 30 June 2013.

Prof. Dr. Ralph Müller

- Rachel Sondergaard, from Prof. R. Müller's team, received the Merit Award as the best intern in mechanical engineering from the University of Calgary Schulich School of Engineering.
- Dr. Jörg Goldhahn and Zach Lerner from Prof. R. Müller's Biomechanics team have won the KPMG's Inspiration Grant for their research project entitled “Early Recognition of Malfunctions in Joint Prostheses”.
- Silke Wüst, a doctoral student from Prof. R. Müller's Biomechanic's team received the BMT 2010 Student Award from the German, Austrian and Swiss Societies of Biomedical Engineering for her presentation on Optimization of extracellular matrix production of silk scaffolds.
- Friedericke Schulte from Prof. R. Müller's team received the 2010 ESB Student Award from the European Society of Biomechanics (ESB); at the same meeting, Andreas Wirth received the ESB Student Runner-up Award.
- Andreas Wirth from Prof. R. Müller's group won the Best Student Oral Presentation Award from the Swiss Society for Biomaterials at the 18th European Conference on Orthopaedics.
- The Spin-off Pearltex AG received the De Vigier Award 2010.
• Floor Lambers from Prof. R. Müller’s group was selected for a 2010 ECTS Travel Award from the European Calcified Tissue Society (ECTS).
• Dr. Davide Ruffoni from Prof. Müllers Team received the 2010 IOF SERVIER Young Investigator Research Award from the International Osteoporosis Foundation (IOF).
• Dr. Davide Ruffoni from Prof. Müllers Team received the 2010 ECTS Postdoctoral Fellowship Award of the European Calcified Tissue Society (ECTS).
• Friederike Schulte from Prof. Müller's team received the ECTS New Investigator Award of the European Calcified Tissue Society (ECTS) for her work on mechanostat theory.

Prof. Dr. Bradley Nelson
• Prof. B. Nelson received the ERC Advanced Grant for his research project in Microrobotics and Nanomedicine.
• Dr. Felix Beyeler from Prof. Dr. Nelson’s Team has been awarded the ETH Medal 2010 for his outstanding dissertation "Capacitive Micro Force Sensing for Biological and Biomedical Applications".
• Olgac Ergeneman from Prof. B. Nelson’s team received the Best Student Paper Award for Europe as well as Second Prize Overall at the 32nd Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC2010) held in Buenos Aires 31 Aug to 4 Sept 2010.
• The Cyborg Fly Project, a collaboration between the 'Fly Group' at ETH/University of Zurich, led by Stefen Fry and the Institute of Robotics and Intelligent Systems, was a finalist in the robotics category at this year's Graphical System Design Achievement Awards; Article.
• Prof. B. Nelson's team has been awarded the 1. Poster award at the Materials Research Center Symposium 2010 on May 10, 2010.
• At this year’s ICRA2010, four awards go to Prof. B. Nelson's team: the Best Student Paper Award to Kathrin Peyer, the Best Automation Paper Award to Michael Kummer and two awards for the winning team of the ICRA2010 Robot Challenge.
• Dr. Li Zhang et al., IRIS received the 'Best Paper Award' for his paper "Noncontact and Contact Micromanipulation Using a Rotating Nickel Nanowire" at the IEEE-NANOMED 2010 conference.

Prof. Dr. Hyung Gyu Park
• Prof. H.G. Park received the R&D100 Editor Award for his work developing nanostructured membranes for water purification.
• Prof. H. G. Park received the 2010 R&D 100 Award for his invention of the "Ultrapermeable Carbon Nanotube Membranes Technology", developed in the Lawrence Livermore National Laboratory.

Prof. Dr. Sotiris Pratsinis
• Robert Büchel from Pratsinis' team received the Best Paper Award for Nanoparticles from the Particle Technology Forum for his oral presentation on "Two-Nozzle Flame Synthesis of NOx Storage Reduction Catalysts" and was recognized with a plaque on 10 November 2010 in Salt Lake City, UT, USA.
• Dr. Björn Schimmoeller from Pratsinis' team was selected for a Chemical Reaction Engineering Division (CRE) Poster Award for his presentation "Structure of Flame-Made Vanadia/Silica and Catalytic Behavior in the Oxidative Dehydrogenation of Propane" at the 2010 Annual Meeting of AIChE in Salt Lake City, USA.
• Dr. Adrian Camenzind from Prof. Dr. Pratsinis Team has received the ETH Medal Award 2010 for his outstanding dissertation "Nanoparticles for Composites: Aggregates & Agglomerates".
• Dr. Antonio Tricoli won the HILTI Preis 2010 for his excellent PhD thesis "Gas Sensitive Nanostructured Films by Direct Flame Synthesis and Deposition".

Prof. Dr. Robert Riener
• Christoph Hollnagel (Group Prof. R. Riener) receives the best presentation award (second prize) at the AUTOMED conference in Zurich for his presentation "Ein iterativ lernender Regler für den MR-kompatiblen Stepper MARCOS".
• Prof. R. Riener et al. won the Best Paper Award of the IEEE TNSRE, officially announced at the 32nd Annual International Conference of the IEEE Engineering in Medicine and Biology Society in Argentina, August 31 - September 4, 2010.
• Prof. Robert Riener receives a special appreciation of the Fürst Donnersmarck-Stiftung zu Berlin for extraordinary scientific achievements in the field of rehabilitation with the project ARMin.

Prof. Dr. Philipp Rudolf von Rohr
• Prof. Philipp Rudolf von Rohr has been elected as a member of the research department IV of the Swiss National Foundation (SNF) promoting scientific research.
• Nora Assmann from Prof. Rudolf von Rohr’s team won the poster award at the 11th International Conference on Microreaction Technology in Kyoto, Japan.

Prof. Dr. Roland Siegwart
• Niels Lehmann and Moritz Meenen from Prof. Dr. Siegwart's Autonomous Systems Laboratory-Team received KPMG's Inspiration Grant for their project «Entlastung des Stadtverkehrs mittels flexibler und individueller elektrischer Mobilität» to improve urban air.
• Dr. Wolfgang Fischer from Prof. Dr. Siegwart's Team has been awarded the ETH Medal 2010 for his outstanding dissertation "Design of compact climbing robots of power plant inspection".
• Prof. R. Siegwarts Team, in cooperation with EPF Lausanne and Alstom received the "EUROP/EURON Robotics Technology Transfer Award" for their joint project "AirGapCrawler" robot.
• Prof. Roland Siegwart, professor at the Department of Mechanical and Process Engineering and Head of the Autonomous System Lab has been elected as Vice President for Research and Corporate Relations at ETH Zurich.
Prof. Dr. Jess Gerrit Snedeker
- Yannick Loosli from Prof. J. Snedeker’s team received a CCMX Matlife Student Travel Award for his work presented at the Gordon Research Conference on Biointerface Sciences, Les Diablerets, Switzerland (Sept 5-10, 2010).

Prof. Dr. Aldo Steinfeld
- The doctoral students Christoph Gebald and Jan Wurzbacher from Prof. A. Steinfeld’s team received the Venture Kick Grant of CHF 130'000 for their Spin-off Climeworks.

2009
Prof. Dr. Reza S. Abhari
- Matthias Brunner has won the Thermofluids Group of IMechE of the Thermofluids Group of IMechE for the best contribution in the Thermofluids field.
- Prof. R. S. Abhari will receive the ASME Turbo Expo 2008 Best Paper Award for his paper from the Structures & Dynamics Committee.
- Prof. R. S. Abhari won the Award for Outstanding Paper in Fluid Mechanics for 2008 for his paper in "Measurement Science and Technology, Volume 19, Issue 11 (2008)".

Prof. Dr. Raffaello D'Andrea
- Prof. R. D'Andrea has been elected "IEEE Fellow" for his contributions to control of autonomous systems.
- Prof. R. D'Andrea was elected Tetelman Fellow at Yale University in 2008.
- Prof. R. D'Andrea received the 2008 IEEE/IFR Invention and Entrepreneurship Award with KIVA Systems 2008.

Prof. Dr. Jürg Dual
- Dr. R. Steffanelli and Dr. E. Cataldi from Prof. J. Dual's and Prof. Ch. Glocke's team received the "Goldene Schiene" 2008 for their PhD research.
- Prof. J. Dual was elected to the Swiss Academy of Engineering joining there Abhari, Kroeger, Poulikakos, Rudolph von Rohr and Siegwart, 2008.

Prof. Dr. Paolo Ermanni
- Prof. P. Ermanni held a plenary presentation at 16th SPIE Annual International Symposium from 9-12 March 2009 in San Diego, USA; Handout.

Prof. Dr. Christoph Glocke
- Prof. Ch. Glocke won a Goldene Eule 2009 for his teaching at ETH Zurich.

Prof. Dr. Lino Guzzella
- Prof. L. Guzzella has been elected as individual member to the Swiss Academy of Engineering Sciences.
- Prof. L. Guzzella was elected Fellow of the International Federation of Automatic Control (IFAC) for his outstanding and extraordinary contributions to that field.
- Prof. L. Guzzella and his team won the Formula-Hybrid Race in October 2008 in Italy.
Prof. L. Guzzella received the 2008 IEEE Industry Award for Excellence in Translational Control Research.

Prof. Dr. Christofer Hierold
- Dr. Silvan Schmid was awarded the ETH Medal 2009 for his outstanding doctoral thesis "Electrostatically Actuated All-Polymer Microbeam Resonators - Characterization and Application" under the supervision of Prof. Ch. Hierold.
- Dr. Wulf Glatz (former PhD student of Prof. Ch. Hierold) received the swisselectric research award 2009 for his PhD research.
- Prof. Ch. Hierold has been elected as individual member to the Swiss Academy of Engineering Sciences.

Prof. Dr. Pavel Hora
- Prof. P. Hora gave a keynote lecture at the Plasticity '09-Conference, January 3rd till 8th, 2009, USA.

Prof. Dr. Marco Mazzotti
- Dr. Christian Lindenberg was awarded the ETH Medal 2009 for his outstanding doctoral thesis "Optimizing the Precipitation of Organic Compounds" under the supervision of Prof. M. Mazzotti.
- Prof. Dr. M. Mazzotti won a Goldene Eule 2008 for his teaching at ETH Zurich.
- M. Kempkes from Prof. M. Mazzotti's team won the first poster prize in Industrial Crystallization.
- Prof. M. Mazzotti gave a keynote lecture at the 17th International Symposium on Industrial Crystallization in Maastricht, Netherlands, 2008.

Prof. Dr. Ralph Müller
- Samuel Basler and Christoph Schröter from Prof. R. Müller's team are the this year's winners of the Student Award of the Swiss Society for Biomedical Engineering.
- Dr. Philipp Schneider from Prof. R. Müller's team received the Young Investigator Award of the International Society of Bone Morphometry (ISBM) for his abstract presented at the XIth ISBM World Congress held in Zell am See, Austria.
- R. Voide from Prof. R. Müller's team received the 2008 Raisz-Dreszner Award.
- Dr. P. Schneider from Prof. R. Müller's team won the Student Award from the European Society of Biomechanics 2008.

Prof. Dr. Bradley Nelson
- Prof. B. Nelson's team won the Best Student Paper Award and the Best Automation Paper Award at ICRA 2009 for their paper.

Prof. Dr. Dimos Poulisakos
- Prof. D. Poulisakos received the 2009 Nusselt-Reynolds Prize that is awarded in the areas of thermal and fluid sciences by the "Assembly of World Conferences on Experimental Heat Transfer".
Prof. Dr. Sotiris Pratsinis
- Prof. S.E. Pratsinis was awarded with the ERC Advanced Investigator Grant from the European Research Council for his project "Flame Aerosol Reactors for Manufacturing of Surface-Functionalized Nanoscale Materials and Devices".
- Oliver Waser and Robert Büchel from Prof. Pratsinis' team won the best poster award for aerosol-based nanotechnology at the 2009 European Aerosol Conference in Karlsruhe, a 760-attendee congress.
- Prof. PD Lutz Mädler (currently at U. Bremen) who served as Oberassistant (1999-2005) in Prof. Pratsinis' team won the 2009 Dechema Max Bouchner Prize for his nanomaterials research.
- Dr. Alexandra Teleki from Prof. S. Pratsinis' team received the first prize in the 2009 DSM Science & Technology Awards (South: Germany, Austria, Switzerland & France) for her PhD research.
- Prof. em. L. Reh received a 2008 International Cooperation in Science and Technology Award from P.R. China.
- Dr. R. Strobel from Prof. S. Pratsinis' team received the Sheldon K. Friedlander Award for his PhD.
- Emeritus Prof. L. Reh, (predecessor of Prof. S. Pratsinis) received a 2008 Friendship Award from China.

Prof. Dr. Robert Rienar
- Dr. T. Nef has been awarded the ABB Forschungspreis 2009 for his doctoral thesis about the arm rehabilitation roboter ARMin.
- Ningbo Yu from Prof. Rienar's team received the "2008 Chinese Government Award for Outstanding Students Abroad" from the China Scholarship Council.
- Heike Vallery from Prof. Rienar's team received the Best Presentation Award at the IEEE 11th International Conference on Rehabilitation Robotics (ICORR) in Kyoto, Japan for her presentation.
- Dr. T. Nef from Prof. R. Rienar's team received the Hans-Eggenberger-Preis for his Dissertation.
- A. Duschau-Wicke from Prof. R. Rienar's team received the AUTOMED Award for a conference paper.

Prof. Dr. Thomas Rösgen
- Dr. S. Schlamp from Prof. T. Rösgen's team received the Atomic Spectroscopy Award for an article.

Prof. Dr. Philipp Rudolf von Rohr
- C. Roth from Rudolf von Rohr's team won the 2008 Swiss Society for Chemical Engineering first prize for his MS thesis.

Prof. Dr. Roland Siegwart
- Marco Hutter from Prof. R. Siegwarts Team received the Hans-Eggenberger-Preis 2009 for his Master Thesis "Hopping with an Articulated Robotic Leg".
• Dr. Davide Scaramuzza from Prof. Siegwart's team won the Robotdalen Scientific Award for his doctoral thesis.
• Prof. R. Siegwart was elected to the board of the Swiss National Science Foundation, Program "Target Research" as of January 2009.
• Prof. R. Siegwart was elected to the "Hochschulrat der FH-Rapperswil" 2008.
• Prof. R. Siegwart received "The Golden Tricycle" for his family friendly supervision at ETH Zurich.
• Dr. A. Noth from Prof. R. Siegwart's team completed a 27 hr autonomous flight with the Skysailor from ASL in 2008; ETH-Life article in German.

Prof. Dr. Jess Gerrit Snedeker
• Philippe Favre from Prof. J. Snedeker's team was awarded the Best Poster Prize at the 2009 annual meeting of the Swiss Society of Orthopedic Surgeons (SGO).
• Guido Bartalena from Prof. Snedeker's team was awarded the SJB Poster Award at the Third Switzerland-Japan Workshop on Biomechanics 2009 in Engelberg, Switzerland.

Prof. Dr. Aldo Steinfeld
• Prof. A. Steinfeld received the "2008 ASME Yellott Award" for outstanding contributions to solar energy research & education.
• Jan Wurzbacher received the 2009 ETH Medal for his MSc thesis entitled “A non-stationary solar thermal power cycle”.
• Dr. Andreas Z'Graggen received the 2009 HILTI Award to for his PhD thesis entitled "Solar Gasification of Carbonaceous Materials - Reactor Design. Modeling, and Experimentation".
• Philipp Good received the 2009 ETH Excellence Scholarship Award to investigate solar water desalination.

Spin-offs
• The ETH Spin-off compliant concept was awarded the Heuberger Jungunternehmerpreis.
• The ETH Spin-off FemtoTools GmbH was selected as one of the three winners of the 2009 Swiss Technology Award (3rd place).

2008
Prof. Dr. Konstantinos Boulouchos
• G. Pizza made the cover page of the October issue of Combustion and Flame (Vol. 155, Issues 1-2).
• Dr. S. Chikatamarla received the 2008 MAVT Silver Medal for outstanding dissertation.
Prof. Dr. Raffaello D'Andrea
- Raff D'Andrea won the IEEE/IFR Invention and Entrepreneurship Award with KIVA Systems.

Prof. Dr. Jürg Dual
- Dr. R. Steffanelli and Dr. E. Cataldi PhD students of Jürg Dual and Christoph Glocker received the "Goldene Schiene" for their PhD thesis from GDI (Gesellschaft der Ingenieure des öffentlichen Verkehrs).
- Jürg Dual was elected to the Swiss Academy of Engineering joining there Abhari, Kroeger, Poulilakos, Rudolph von Rohr and Siegwart.
- Jürg Dual was elected president of HV (Hochschulversammlung) of ETH.

Prof. Dr. Lino Guzzella
- Team of Lino Guzzella with students of Hochschule Luzern won the Formula-Hybrid in Italy.
- Lino Guzzella won the IEEE Multi-conference Award on Systems and Control Industry for Excellence in Translational Control Research.

Prof. Dr. Christofer Hierold
- Daniel Bechstein, MSc student, received the ETH Excellence Scholarship and Opportunity Award 2008.

Prof. Dr. Petros Koumoutsakos
- Dr. M. Bergdorf received the 2008 MAVT Silver Medal for outstanding dissertation.

Prof. Dr. Wolfgang Kröger
- M. Kaegi, Ph.D student, received the „venture-kick-Preis (Stufe 1)“ for his business idea.

Prof. Dr. Marco Mazzotti
- M. Kempkes won the first poster prize in the Industrial Crystallization mtg. in Maastricht.
- Marco Mazzotti gave a keynote lecture @ 17th International Symposium on Industrial Crystallization in Maastricht, Netherlands.

Prof. Dr. Ralph Müller
- Romain Voide received the 2008 Raisz-Dreszner Award for his article in the Journal of Bone and Mineral Research.
- Prof. Ralph Müller was elected President of the European Society of Biomechanics at the society's biennial meeting in Lucerne.
- Ph. Schneider received the Student Award from the European Society of Biomechanics. The prize is given away every two years to the first ranked abstract and presentation of a doctoral student.

Prof. Dr. Bradley Nelson
- Ashish Kumar Cherukuri, MSc student, received the ETH Excellence Scholarship and Opportunity Award 2008.
Prof. Dr. Dimos Poulikakos
- Dimos Poulikakos was elected to the Swiss Academy joining there Kroger, Siegwart, Rudolph von Rohr and Abhari.

Prof. Sotiris Pratsinis
- Dr. A. Teleki received the 2008 MAVT Silver Medal for outstanding dissertation.
- Sotiris Pratsinis gave a plenary lecture at the International Aerosol Symposium for the 25th anniversary of the Japan Association of Aerosol Science and Technology in Kanazawa, Japan (450 participants).
- Dr. R. Strobel received the 2008 Sheldon K. Friedlander Award from the American Association for Aerosol Research.
- Dr. A. Teleki made the cover page of the August 14, 2008 issue of the Journal of Materials Chemistry.
- Sotiris Pratsinis gave the 2008 Phil Morrison Lecture at the Case Western Reserve University, Cleveland, USA.
- Emeritus Prof. L. Reh received a 2008 Friendship Award from China.

Prof. Dr. Thomas Rösgen
- Dr. J. Sznitman received the 2008 MAVT Silver Medal for outstanding dissertation.

Prof. Dr. Robert Riener
- A. Duschau-Wicke received the AUTOMED award for his presentation "Path Control: A Strategy for Patient-Cooperative Training of Gait Timing".
- Dr. T. Nef was elected Assist. Professor at the Catholic University at Washington D.C.

Prof. Dr. Philipp Rudolf von Rohr
- Dr. S. Kuhn received the 2008 MAVT Silver Medal for outstanding dissertation.
- Daniel Sutter received for his studies the ETH Excellence Scholarship and Opportunity Award 2008.
- Christian Roth received for his Master thesis the first prize by the Swiss Society for Chemical Engineering that gives 3 such prizes every year to ETH/FH engineers.

Prof. Dr. Roland Siegwart
- Roland Siegwart has been elected to the SNF Forschungsrat "Abteilung IV" (NCCR and similar type of projects) from Januar 1, 2009.
- The Skysailor from ASL completed a 27 hr autonomous flight!
- Roland Siegwart was elected IEEE Fellow for his contributions to mobile, networked, and micro-scale robots.

Prof. Dr. Aldo Steinfeld
- Michael Krüsi, MSc student, received the ETH Excellence Scholarship and Opportunity Award 2008.
- Dr. W. Lipinski was elected Assist. Professor at the University of Minnesota.
Prof. Dr. Andreas Stemmer
- Dr. M. Aschwanden received the 2008 MAVT Silver Medal for outstanding dissertation.

Prof. Dr. Konrad Wegener
- Michael Daiber, MSc student, received for his excellent Masterthesis the ETH Medaille 2008.
- Maria Tarcay, MSc student, was awarded with the Dyson Award 2008 for the student project (together with Marco Stoffel and Christian Looser).
- Dr. Bernhard Ulrich Bringmann was awarded the HILTI-Prize 2008 for his excellent Doctoral Thesis.

2007
Prof. Dr. Reza S. Abhari
- Prof. Reza Abhari was elected to the Swiss Academy of Engineering (SATW) in the field of Energy Technology. Current D-MAVT members of SATW are W. Kroger, R. Siegwart and Ph. Rudolph von Rohr.

Prof. Dr. Konstantinos Boulouchos
- Dipl.-Masch.-Ing. ETH Patrick Stephane Rebecchi won the award Studienpreis 2007 for his diploma thesis from SEW-EURODRIVE-Foundation.
- P. Obrecht, K. Boulouchos received together with Kistler Instrumente AG, Sensopptic SA and Volkswagen the SENSOR Innovationspreis 2007.
- K. Herrmann received together with Wärtsilä Switzerland Ltd the 2007 BP award on Health, Safety & Environment.
- I.V. Karlin, A.N. Gorban: on of their Papers had been published at Elsevier in Chemical Engineering Science 2003-2006 and had been recognized in "Top-50 most cited articles".

Prof. Dr. Ralph Müller
- Dr. M. Stauber for his Ph.D. the research award der Schweizerischen Gesellschaft für Biomedizinische Technik.
- H. Hagenmüller, the Max Anliker Memorial Poster Award der Schweizerischen Gesellschaft für Biomedizinische Technik.
- Ph. Schneider gave the Best presentation of a student researcher on the „Dreiländertagung der Deutschen, Österreichischen und Schweizerischen Gesellschaften für Biomedizinische Technik.
- Prof. R. Müller and his group had been rewarded of the „Deutsche Akademie der osteologischen und rheumatologischen Wissenschaften” with the annual prize of publications.
Prof. Dr. Marco Mazzotti
- Prof. M. Mazzotti was elected Vice-President of the International Adsorption Society, 2007 –2010.

Prof. Dr. Bradley Nelson
- Prof. Nelson made one of the “top 3” distinctions of ETH in 2007 according to President Eichler’s X-mas Audimax talk to about 400 ETH professors & employees. Prof. Helenius’ (D-BIOL) Benois Prize & Prof. Seeberger’s (D-CHAB) Körber European Science Award were the other two.
- Prof. Nelson made the cover article of the February issue in Nanotechnology.
- Prof. Nelson group was a finalist for Best Automation Paper at IEEE Int. Conf. On Robotics and Automation.

Prof. Dr. Sotiris Pratsinis
- Ms. Alexandra Teleki received the 2nd Best Poster Award at the 2007 PARTEC, International Congress for Particle Technology in Nuremberg, Germany.
- Prof. S.E. Pratsinis became Fellow of the Nanoscale Science and Technology Institute in USA.
- Prof. S.E. Pratsinis was the opening Plenary Speaker of the 2007 European Aerosol Conference (an 800-participant event) in Salzburg, Austria.
- Emeritus Prof. L. Reh received the first ever Award for Scientific Cooperation by the Chinese Academy of Sciences.

Prof. Dr. Philipp Rudolf von Rohr
- Prof. Ph. Rudolf von Rohr received the „Ehrendoktor“ der Universität von Bratislava, Slowakia.
- Mr. Tobias Rothenfluh received the first Innovation Prize for an exceptional and innovative Diploma/ Master Thesis by the Swiss Society for Chemical Engineering that gives three prizes each year to ETH/FH engineers.

Prof. Dr. Aldo Steinfeld
- Prof. A. Steinfeld received the ASME Calvin W. Rice Award.
- Prof. A. Steinfeld was elected to give the Founder Lecture at the University of Minnesota’s ME Day 2007.

2006
Prof. Dr. Christofer Hierold
- Prof. Hierold was elected as a member of the new Scientific council of CSEM.

Prof. Dr. Bradley Nelson
- Prof. Nelson was selected as one of the 50 most valuable people in research and technology by "Scientific American".
2005

Prof. Dr. Reza S. Abhari
- Prof. Abhari received a donation of about 2.8 million CHF from Dr. Branco Weiss for ACAP (Academic and Career Advisory Program).

Prof. Dr. Christoph Glocker
- Prof. Glocker received the Goldene Eule Award for his teaching.

Prof. Dr. Lino Guzzella
- The research group of Christopher Onder received the Swiss Technology Award from the Paul Scherrer Institute.

Prof. Dr. Patrick Jenny
- Prof. Jenny received the Nationaler Latsis-Preis.

Prof. Dr. Leonhard Kleiser
- Prof. Kleiser received ETH-Medaille for Doctoral thesis Dr. Philipp Schlatter (PhD defense April 2005).

Prof. Dr. Bradley Nelson
- Dr. Bradley Nelson has been selected as one of the "Scientific American 50" for 2005, Scientific American magazine's annual list of 50 science and technology leaders, for his work on nanotube manufacturing.

Prof. Dr. Urs Meyer
- Prof. Meyer received donations of CHF 10kCHF from Du Pont, Geneva, 2kCHF from Scaglia S.p.A., Brembilla (BG, Italy), and 2kCHF from Moog GmbH, Böblingen, Germany.

Prof. Dr. Sven Panke
- Prof. Sven Panke received the Marian Smoluchowiski Award for Aerosol Research from the European Aerosol Association in Ghent, Belgium in September 2005, for his research in Plame Spray Pyrolysis. This is the oldest award of that association that is given once a year to a scientist under 40.
- Prof. Panke received the humanTech Innovationspreis 2005 (2nd place) from IBM & Swiss Engineering for the Projekt MIDAS.
- Johannes Kluge received the SGVC-Price for his diploma work.

Prof. Dr. Dimos Poulikakos
- The Award of the ASME Systems Analysis Technical Committee was given to Stephan M. Senn, doctoral student of D. Poulikakos.
Prof. Dr. Sotiris Pratsinis

- PD Dr. L. Maedler received the 2005 Marian Smoluchowski Award for Aerosol Research by the European Aerosol Association in Ghent, Belgium, for his research on Flame Spray Pyrolysis. This is the oldest award of that association that is given once a year to a scientist under 40.
- Prof. S.E. Pratsinis has been appointed the Russell Severence Springer Professor at the University of California, Berkeley, for 4 weeks in 2005-2006.

Prof. Dr. Philipp Rudolf von Rohr

- Tobias Rothenfluh received the SGVC Innovation Award. The first prize was given to Tobias Rothenfluh from the Institute of Process Engineering at ETH Zürich for his work entitled "Measurements and Visualization of Velocity and Concentration Fields in Turbulent Channel Flows with Complex Surface Geometry." The Swiss Society for Chemical Engineering (SGVC) has for the third time awarded young ETH-engineers for their exceptional and innovative diploma theses.

Prof. Dr. Konrad Wegener

- Dr. Andreas Kunz has been honored with the title Privatdozent by the rector of ETHZ; this implies the right to teach (venia legendi).

2004

Prof. Dr. Konstantinos Boulouchos

- Prof. Boulouchos has been appointed to the advisory board of the Institute of Vehicle Technology of "Deutsches Zentrum für Luft- und Raumfahrt DLR, Stuttgart."

Prof. Dr. Jürg Dual

- Prof. Dual has been elected Fellow of the ASME (American Society of Mechanical Engineers).
- Albrecht Haake has been awarded the RWB Stephens Student Prize at the UI’03: Ultrasonics International.

Prof. Dr. Paolo Ermanni

- Daniela Suppiger received the SAMPE Schweiz Student Award im Rahmen der zweiten Technischen Konferenz der SAMPE (Society for the Advancement of Material and Process Engineering).

Prof. Dr. Wolfgang Kröger

- Prof. Kröger was nominated an honorary member by the Swiss Nuclear Society (SGK).

Prof. Dr. Edodardo Mazza

- Davide Valtorta received the MICCAI 2004 NDI Student Award at the 7th International Conference on Medical Image Computing and Computer Assisted Intervention, St. Malo, France, September 2004.
Prof. Dr. Ralph Müller
- Thomas Müller, Ph.d. student at the Institute of Biomedical Engineering has been awarded the annual student award of the Swiss Society for Biomedical Engineering for his diploma thesis at D-MAVT.

Prof. Dr. Bradley Nelson
- Prof. Nelson has been awarded the Best Conference Paper Award at the IEEE 2004 on the occasion of the International Conference on Robotics and Automation.
- Prof. Nelson has been awarded the title IEEE Robotics & Automation Society Distinguished Lecturer 2004-2005, after being awarded the McKnight Presidential Fellows Award 2002-2005 in 2002.

Prof. Dr. Sven Panke
- Prof. Panke received the DSM-Research Prize.

Prof. Dr. Dimos Poulikakos
- Stephan Senn, Ph.d. student at LTNT/IET has been awarded the 2004 Best Student Paper Award of the ASME Advanced Energy Systems Division (Systems Analysis Technical Committee).
- Prof. Poulikakos has been invited as the Hawkins Memorial Lecturer for the year 2004 by the Purdue University, West Lafayette (USA).

Prof. Dr. Sotiris Pratsinis
- Dr. Stavros Tsantilis received the Best Poster Prize at the International Congress PARTEC2004, Nuremberg, Germany, March 2004.
- Prof. Pratsinis has been honored with the Thomas Baron Award of the American Institute of Chemical Engineers in San Francisco.
- PD Dr. Lutz Mädler has been selected the winner of the 2004 BASF Award in Process Engineering.

Prof. Dr. Philipp Rudolf von Rohr
- Adrian Spillmann and Nicola Forrer, both Ph.D. students of the Departments MAVT and CHAB have been awarded by the Swiss Society for Process and Chemical Engineering (SVGC) for their diploma work.

Prof. Dr. Aldo Steinfeld
- Prof. Steinfeld received the Best Paper Award, at the ASME International Solar Engineering Conference (co-authors: Dahl, Weimer, Z’Graggen).

Prof. Dr. Andreas Stemmer
- Dr. Georg Schitter received the "Forschungspreis für Nanowissenschaften und Nanotechnologien des Landes Steiermark 2004 - Nachwuchsförderung" for his doctoral thesis at the Professur für Nanotechnik.
2003

Prof. Dr. Jürg Dual
- Prof. Dual has been elected as Fellow of the American Society of Mechanical Engineering (ASME).

Prof. Dr. Lino Guzzella
- Prof. H.P. Geering has been elected IEEE Fellow for his contributions to model-based automotive engine control and leadership in control education.

Prof. Dr. Markus Meier
- The PowerPac Project, a joint-venture of ETH Zurich and PSI, was awarded:
  - Swiss Technology Award, February 13, 2003.
- Prof. Meier has been elected Fellow (Einzelmitglied) of the SATW (Swiss Academy of Engineering Sciences).
- A group of ETH students, under the direction of U. Werner, scientific employee at ZPE, and assisted by Tribecraft AG, Zurich received the Dyson Student Award, the first Award given by household appliance manufacturer Dyson for the development of «SpeakersCorner» (a multimedia, digital lectern).

Prof. Dr. em. Gábor Oplatka
- Prof. em. Oplatka received the Apple of Wisdom from the Technical University of Kosice.

Prof. Dr. Sotiris Pratsinis
- Prof. Pratsinis received the Thomas Baron Award by the American Institute of Chemical Engineers (AIChE) in San Francisco for his "outstanding scientific/technical accomplishment which has made a significant impact in the field of fluid-particle systems ...".

Prof. Dr. Dimos Poulikakos
- Prof. Poulikakos received Society’s Heat Transfer Memorial Award – Science from ASME International (American Society of Mechanical Engineers).

Prof. Dr. Aldo Steinfeld
- Thomas Osinga, doctoral student of Prof. A. Steinfeld received the First-Runner-up Graduate Student Award of the American Society of Mechanical Engineers (ASME).

2002

Prof. Dr. Reza S. Abhari
- Prof. Abhari has been elected Fellow by ASME International (American Society of Mechanical Engineers).
Prof. Dr. Lino Guzzella
- Prof. Guzzella has been invited to spend his sabbatical year as the Honda Visiting Professor at Ohio State University.
- Prof. L. Guzzella, IMRT, together with Patrik Soltic, EMPA received the Clif Steadman Prize from the Institute for Mechanical Engineers.

Prof. Dr. Dimos Poulakakos
- Prof. Poulakakos has been invited as the Visiting Chair Russell Severance Springer Professor at the University of California, Berkeley, for one month.