

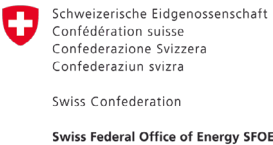
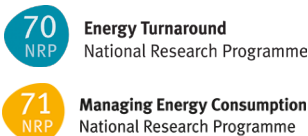
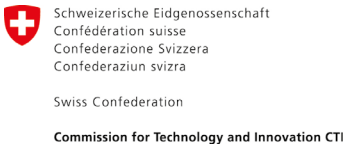


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Tuesday, 17 October 2017

17:00	Check-in
18:00	Ice-breaker
20:00	Dinner

Wednesday, 18 October 2017

08:00	W. Steinlin, Commission for Technology and Innovation	Welcome address and targets for the 8 SCCERs
Global drivers for a national strategy		Chairman: D. Giardini, ETH Zurich
08:30	T. Stocker, University of Bern	The scientific basis of the Paris Agreement
09:00	C. Schnadt Proberaj, ETH Zurich	Simulation of climate change and scenarios for Switzerland
09:30	T. Schmidt, ETH Zurich	The Paris Agreement – a paradigm shift in international climate politics
10:00	Coffee break	
10:30	L. Schulz, Swissgrid	Supply of electricity in central Europe: current situation and forecast
11:00	B. Revaz, Swiss Federal Office of Energy	Energy Strategy 2050, the new energy law and the next steps
11:30	H. Weigt, University of Basel	Wholesale electricity market
12:00	Lunch break	
13:15	Excursion A, B, C	
Energy market		Chairman: H. Weigt, University of Basel
Socio-economic, industrial, and regulatory aspects to support the transition		
15:00	H. Weigt, University of Basel	Policy measures for promoting renewables and reducing the energy demand
15:30	H. Weigt, University of Basel	Regulatory and political perspectives
16:00	A. Gunzinger, ETH Zurich	Plea for a more aggressive energy transition
16:30	Coffee break	
17:00	R. Obrist, Swiss Gas Industry Association	The role of gas and its infrastructure in the energy system of the future
17:30	M. Brokhof, Alpiq	Views from the industry
Debate		Chairman: T. Kober, PSI
Our energy future		
18:00	M. Brokhof, Alpiq R. Obrist, Swiss Gas Industry Association A. Gunzinger, ETH Zurich H. Weigt, University of Basel	
19:00	Free time	
20:00	Dinner	

Thursday, 19 October 2017

Energy storage		Chairman: J. Worlitschek, Lucerne UAS
From short term stability to seasonable storage		
08:00	J. Worlitschek, Lucerne UAS	Motivation and scenarios to store energy
08:20	J. Worlitschek, Lucerne UAS	Storage for transportation, buildings, districts, and industry
08:50	A. Haselbacher, ETH Zurich	Pilot-scale demonstration of advanced adiabatic compressed-air energy storage
09:05	P. Manso, EPF Lausanne	Storage hydropower plants
09:20	M. Meyer, Services Industriels de Genève	Seasonal thermal energy storage
09:50	Coffee break	
10:20	D. Brand, BKW	Flexibilities for the european energy system
10:40	P. Morey, School of Engineering and Management Vaud	Field test results of a 100 kW, 64 kWh storage system for utility grid applications
Energy supply		Chairman: D. Giardini, ETH Zurich
All sources of electricity are needed to compensate for nuclear energy and partially for oil and gas		
11:10	C. Ballif, EPF Lausanne	Photovoltaics
11:50	J. Fang, EPF Lausanne	Aeolian energy
12:10	Lunch break	
13:15	Excursion A, B, C	
15:00	M. Saar, ETH Zurich	Geothermal energy
15:20	L. Schmocker, ETH Zurich	Hydropower
15:40	F. Vogel, UAS Northwestern Switzerland & Paul Scherrer Institute	Bioenergy systems for the future
16:10	I. Stadelmann-Steffen, University of Bern	Social acceptance of energy investments
16:30	Coffee break	
17:00	P. Renault, swissnuclear	Is nuclear still an option?
17:30	S. Muster, Association of Swiss Electricity Companies	Future scenarios of the electricity demand
Debate		Chairman: T. Kober, PSI
Need for electricity in 2050		
18:00	S. Muster, Association of Swiss Electricity Companies G. Operto, AEE SUISSE I. Stadelmann-Steffen, University of Bern	
19:00	Free time	
20:00	Dinner	

Friday, 20 October 2017

Energy consumption		Chairman: A. Santis, Bern UAS
How mobility, buildings, and industrial processes will change in favor of the energy transition		
08:00	L. Küng, ETH Zurich	Towards an energy efficient and climate compatible future Swiss transportation system
08:30	E. Çabukoglu, ETH Zurich	Challenges of decarbonizing heavy-duty road freight vehicles in Switzerland
09:00	A. Santis, Bern UAS	The electric vehicle is here (again) – opportunities and future prospects
09:30	U. Wieland, ETH Zurich	Decarbonisation of the aerial transportation, some ideas
09:45	Coffee break	
10:30	A. Schmid, Winterthur Gas & Diesel	The future of naval transportation
11:00	D. Olsen, Lucerne UAS	Increased energy efficiency, economy of industrial processes, and thermal energy systems
11:30	K. Orehounig, ETH Zurich	Energy hub modeling and optimisation
11:50	A. Bollinger, Empa	Techniques and tools for distributed energy system modeling & optimisation
12:10	S. Schneider, University of Geneva	Spatio-temporal energy demand modelling at regional and national scale
12:30	Lunch break Preparation for the last session on key learnings and thematic suggestions for a next school	
Energy distribution		Chairman: U. Muntwyler, Bern UAS
From mono- to bidirectional energy flow and from centralized to decentralized systems		
13:45	F. Sossan, EPF Lausanne	Storage integration into the grid
14:15	U. Muntwyler, Bern UAS	Photovoltaics in the grid: role for the Energy Strategy 2050
14:45	R. Segundo, Zurich UAS	Dynamics of the power systems
15:30	Participants	Key learnings and thematic suggestions for a next school
16:00	Closure	

Speaker's CVs

In order of appearance

Wednesday

Walter Steinlin ist Präsident der Kommission für Technologie und Innovation des Bundes KTI. Er studierte Elektrotechnik an der ETH Zürich und absolviert später das International Executive Programme im INSEAD. Von 1983 bis 2015 war er bei der PTT/Swisscom in verschiedenen Funktionen der Forschung und Innovation tätig, von 1996 bis 2008 war er CTO und Leiter Swisscom Innovations. Daneben hatte er verschiedene nebenamtliche Funktionen in internationalen Gremien (Telekommunikations-Standardisierung, Industrieforschung) und in Schweizer Organisationen (economiesuisse, SNF, SNV, EPFL, etc.)

Domenico Giardini is Full Professor of Seismology and Geodynamics at the ETH Zurich, since 1997. He studied Physics and completed his doctorate in 1987 at the University of Bologna. He worked as postdoctoral fellow at Harvard University (1982 to 1986), researcher at the National Institute of Geophysics in Rome (1987 to 1992) and Associate Professor of Seismology at the University of Rome III (1992 to 1997). He was the Director of the Swiss Seismological Service until 2011 and President of the Italian National Institute of Geophysics and Volcanology in 2011 to 2012. He directed the Swiss Competence Center for Environment and Sustainability (CCES) and now leads the SCCER-SoE.

Thomas Stocker was born in Zurich and obtained a PhD in Natural Sciences of ETH Zurich in 1987. He held research positions at University College London, McGill University (Montreal), Columbia University (New York) and University of Hawai'i (Honolulu). Since 1993, he is Professor of Climate and Environmental Physics at the University of Bern. From 2008 to 2015, he co-chaired the working group I „The Physical Science Basis“ of the IPCC (United Nations Intergovernmental Panel on Climate Change). Thomas Stocker has co-authored more than 200 publications. He holds honorary doctorates of the University of Versailles and of ETH Zurich and he is a Fellow of the American Geophysical Union and a Foreign Member of the Accademia Nazionale dei Lincei (Italy) and the American Academy of Arts and Sciences.

Christina Schnadt Proberaj holds a diploma in Meteorology from the University of Cologne. She completed her PhD in 2001 at the German Aerospace Center DLR Oberpfaffenhofen, where she used a global chemistry-climate model to investigate interactions between the stratospheric ozone hole and climate change. In 2004, she joined the Atmospheric Chemistry group of Thomas Peter at IAC, where she worked with global chemistry-climate models and analysed ozone measurement data. In 2010, she was awarded an SNF Marie Heim-Vögtlin grant to investigate methane emissions and variability at Empa. From 2013 to 2015, she managed the EU FP7 project BACCHUS in the Atmospheric Physics group of Ulrike Lohmann at IAC. Since June 2016, she has been Executive Director of the ETH competence center for climate systems modelling C2SM, a networking and support institution to foster climate modelling activities in the ETH domain and at the Federal Office MeteoSwiss.

Tobias Schmidt is the head of ETH Zurich's Energy Politics Group. Tobias holds a Bachelor of Science and Dipl. Ing. (MSc equivalent) in electrical engineering (energy focus) from TU Munich and a PhD from ETH Zurich in management, technology, and economics. During his PostDoc, he spent time as a visiting scholar at Stanford University and acted as consultant to the United Nations Development Programme (UNDP). In his research, which is published in journals like Nature Climate Change, Nature Energy, Research Policy, or Global Environmental Change, he analyzes the interaction of energy policy and its underlying politics with technological change in the energy sector. He covers both developed and developing countries in his research.

Lyubov Schulz holds a MSc in Economics & Business and is working as a Market Analyst at Swissgrid since 2011. Main activities include: Scenario building and cost benefit analysis of the new grid investments at the European (TYNDP by ENTSOE) and national scale (Strategic Grid 2025); Work on the future market design for Switzerland, System Adequacy Assessment of the Swiss electricity system.

Benoît Revaz took over as Director of the Swiss Federal Office of Energy (SPOE) on 1 October 2016. He holds a Master's degree in law and Executive Master of Science in Communication Management. From 2005 to 2012, he intensified his management skills by further education courses at IMD Lausanne, in London and Stanford. He performed a variety of functions at Groupe E, before he was appointed Deputy Director of E-CUBE Strategy Consultants. He has also been member of the General Management of EOS Holding and Alpiq Holding AG.

Hannes Weigt is Professor for Energy Economics at the University Basel. He is a work package leader in the SCCER CREST and associated to the SCCER-SoE and FURIES as well as the Joint Activities on Scenario and Modeling and on Mobility. His research is focused on electricity market assessments and policy design.

Anton Gunzinger ist Gründer und Verwaltungsratspräsident der Supercomputing Systems AG (SCS) im Technopark Zürich. SCS entwickelt im Kundenauftrag mit rund 100 Ingenieurinnen und Ingenieuren Hard- und Software für Automobilität, ÖV, Life Science, Multimedia und Industrie. Er hat an der ETH Zürich Elektrotechnik studiert und dort auch promoviert. Er lehrt heute Computerarchitektur an der ETH. Sein 2015 erschienenes Buch „Kraftwerk Schweiz“ wurde zum Bestseller und bringt ihn als Sprecher über die Energiewende in die ganze Schweiz.

Roman Obrist is a Swiss qualified Lawyer with a post graduate Master's Degree in European Politics and Economics. For many years he has been working as a Public Affairs Expert for different organisations mainly in the areas of the Economy and Energy politics. He is currently working as a Public Affairs Expert for the Association of the Swiss Gas Supply Industry with a special focus on the energy politics in the various cantons of Switzerland.

Markus Brokhof has been working more than 20 years in the energy industry with various responsibilities in the generation sector, exploration and production (E&P) in the oil and gas industry as well as gas trading and power business.

Tom Kober leads the Energy Economics Group of the Laboratory for Energy Systems Analysis at the Paul Scherrer Institute (PSI). Conducting research in the field of integrated energy systems over the past 12 years, he gained expertise in energy technology and energy policy. As scientist at PSI, and before at the Energy research Centre of the Netherlands (ECN) and at the Institute of Energy Economics and Rational Energy Use (IER), he was involved in numerous international research projects. His current research interests concern international strategies for sustainable energy supply and greenhouse gas emissions reductions, as well as energy storage technology. Tom Kober studied industrial engineering and management at Dresden Technical University and holds a PhD from University of Stuttgart.

Thursday

Jörg Worlitschek studied chemical engineering at the University of Erlangen and graduated at the Technical University of Berlin in energy and process engineering. He received his PhD in the field of Thermal Process Engineering (Optimization of Batch Crystallization) at ETH Zurich. From 2003 to 2012, he worked at Mettler Toledo in USA and Switzerland. He led areas for Automated reactors & calorimetry as well as for laboratory & production software. Since February 2012, Jörg Worlitschek is Professor at the Lucerne University of Applied Sciences & Arts where he leads the Master of Science in Engineering (MSE) program and the Research Competence Center Thermal Energy Storage.

Andreas Haselbacher is a senior research scientist at the Professorship of Renewable Energy Carriers of ETH Zurich since March 2012. Previously, he was a research scientist and assistant professor at the University of Illinois and University of Florida, respectively. In 2010, he won the CAREER Award of the U.S. National Science Foundation. His expertise includes theoretical and computational fluid dynamics and heat transfer, large-scale parallel simulations, turbulent flows, compressible multiphase flows, and thermal energy storage.

Pedro Manso is a civil engineer PhD with over 19 years of experience in the Water and Electricity sectors, in research and engineering practices. He is currently Senior Research Associate of the SCCER-SoE seconded to EPFL. He leads research projects on hydropower infrastructure jointly funded by public and private partners, in the framework of the Energy Transition. His main research focuses are on dams, hydraulic structures, integrated river basin management and sustainable hydropower under changing climate conditions. He is lecturer of Hydraulic Structures and Hydropower Plants at EPFL.

Michel Meyer is head of geothermal activity at SIG since 2011: Organization and development of the activity, Implementation of the cantonal GEothermie 2020 program. 2007 to 2011: Head of the geology, waste and soil protection survey of the Canton of Geneva: In charge of the application of the legal framework in the themes of hydrogeology, polluted sites, gravel pits, natural hazards, soil protection and waste management. 2001 to 2007: Geologist at the geology survey of the Canton of Geneva.

Daniel Brand finished his PhD in Mechanical Engineering in 2005 at the ETH in Zurich. Then he started his industry career with ABB Turbo Systems which is one of the world leading supplier of turbochargers for large Diesel and Gas Engines, e.g. for marine or power plant applications. Daniel Brand was leading the department for numeric simulation of performance and emissions before he changed into the Utility Sector in 2014. At BKW, one of the largest Swiss utilities, he was leading the team BKW Technology Center contributing to transforming the company to the technology leader among Swiss utilities. Since summer 2017, he is leading the Grid Control Center of BKW.

Philippe Morey, MSc electrical engineer, has been a researcher at the HEIG-VD since 2009. His work has led him to a solid experience in the field of photovoltaics, energy storage, hydrogen fuel cells as well as power electronics. One of his current challenges is being in charge of the electrical systems for the SolarStatos airplane.

Christophe Ballif received his PhD in physics in 1998 in Lausanne. After stays at NREL (USA), Fraunhofer ISE (Germany) and EMPA (Switzerland), he became in 2004 Full Professor with the Institute of microengineering, University of Neuchâtel, directing the Photovoltaics and Thin-Film Electronics Laboratory. In 2009, the Institute became part of EPFL. Since 2013, he has also been the Director of the PV-Center within CSEM, Neuchâtel, an RTO specialized in industrial research and technology transfer. His research interests include materials for PV, high-efficiency c-Si solar cells and silicon heterojunction cells, multi-junction solar cells, module technology, building integrated photovoltaics, and optimized energy systems. He authored or co-authored over 400 scientific and technical papers, as well as a number of Patents. In 2016, he was granted the prestigious Becquerel award for his contribution to the field of Photovoltaics.

Jiannong Fang received a PhD degree in material science from ETH Zurich in 2001. He has worked in the EPF Lausanne as a senior scientist and lecturer since 2002. His current research focuses on the modelling and simulation of complex and challenging fluid flow problems with applications to atmospheric turbulence and wind energy. He is currently co-leading the subtask 1.3: Forecasting Tools for Regional and Local Energy Systems in the SCCER-FURIES project funded by the Swiss Innovation and Technology Committee.

Martin Saar is the chair of the Geothermal Energy and Geofluids (GEG) group in the Institute of Geophysics, Department of Earth Sciences, ETH Zurich, which investigates unconventional geothermal energy utilisation technologies, ranging from enhanced geothermal systems (EGS) to CO₂-based geothermal energy extraction and simultaneous, permanent, geologic CO₂ storage. The group employs numerical, experimental, and field methods, particularly related to reactive multiphase-multicomponent fluid and energy transfer. The GEG group currently has 18 members. Prof. Saar received his PhD at the University of California, Berkeley, in Earth and Planetary Sciences - Geophysics - and was the Gibson Professor and Chair of Hydrogeology and Geofluids at the University of Minnesota (UMN), Minneapolis, for ten years, before coming to ETH Zurich in 2015. He has co-founded the UMN-spinoff company TerraCOH Inc., which commercialises his patents on unconventional, CO₂-based, geothermal energy utilisation.

Lukas Schmocker obtained his PhD in 2011 at the Laboratory of Hydraulics, Hydrology, and Glaciology (VAW), ETH Zurich, and specialized in the overtopping and breaching of dams. In 2013, he joined the engineering company Basler & Hofmann and works part-time as a project leader on flood management projects. He is part of the SCCER-SoE hydropower team and his research focuses on hydropower production and infrastructure adaptation. The main project includes (1) improvement of sediment evacuation systems to counteract reservoir sedimentation; (2) problems relating to air entrainment in hydropower systems; and (3) floating debris at spillways.

Frédéric Vogel studied Chemical Engineering at ETH Zurich where he also obtained his PhD in Process Engineering. After a postdoctoral stay at MIT in Cambridge (USA), he joined the PSI in 2000 where he started his own research group. His research focuses on catalytic processes for converting biomass into fuels and chemicals. Since October 2012, he is professor for renewable energies at the University of Applied Sciences Northwestern Switzerland in Brugg-Windisch and deputy head of the newly founded Institute of Biomass and Resource Efficiency. He is also the deputy head of the SCCER BIOSWEET.

Isabelle Stadelmann-Steffen is Associate Professor in Comparative Politics with the University of Bern. Her main research interests concern comparative welfare state and energy policy research as well as political behaviour and attitudes. Current research projects aim at linking these two areas by considering potential policy feedback effects, i.e., how citizens' attitudes and behavior is influenced and moderated by policy characteristics. In the framework of the NRP71 "Managing Energy Consumption", she is currently heading a project investigating the social acceptance of renewable energy policy in Switzerland.

Philippe Renault hat 2007 an der RWTH Aachen im Fachbereich Bauingenieurwesen promoviert mit Spezialisierung auf Erdbebeningenieurwesen. In 2006 hat er die SDA-engineering GmbH gegründet zur Bearbeitung von Sonderfragestellungen aus dem Bereich Baudynamik und Erdbebenanalysen. In 2008 ist er zu swissnuclear in der Schweiz gewechselt, um die Gesamtprojektleitung für die Erdbebengefährdungsstudie der Kernkraftwerke und die Leitung der Gruppe Gefährdungs- und Strukturanalysen zu übernehmen. In 2010 hat er erfolgreich einen Nachdiplomkurs in Kerntechnik absolviert. Seit 2014 ist er Geschäftsführer von swissnuclear.

Stefan Muster ist Wirtschaftswissenschaftler mit Schwerpunkt Ökonometrie und Operations Research und promovierte mit einem stochastischen Energiewirtschaftsmodell. Anschliessend arbeitete er u.a. im Energiehandel und leitete anschliessend erst die Sektion Energieversorgung beim Bundesamt für Energie und dann die Sektion Energiewirtschaft beim Kanton Zürich. Anfang 2012 übernahm er die Leitung des neu geschaffenen Bereichs Wirtschaft und Regulierung beim Verband Schweizerischer Energieunternehmen (VSE).

Gianni Operto, besides serving as president of the AEE Suisse, is Chairman of greenTEG AG and on the supervisory board of Nexwafe GmbH, Caterva GmbH and ProCom GmbH, all three in Germany. He is also chairing the Scientific Advisory Board of the Werner Siemens-Foundation and serves on the Steering Board of the SCCER Storage. He has also served as a Partner at the venture capital firms Emerald Technology Ventures and Good Energies. Before that he was President and CEO of the Zurich Municipal Electric Utility (EWZ). He began his career at ABB Power Generation. He has a Master's in Mechanical Engineering from the ETH.

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Alejandro Santi's research focus lies on the energy systemic perspective of passenger car mobility in Switzerland; potential analysis of alternative propulsion technologies from an energetic point of view, while satisfying boundary conditions like mobility demand and electricity.

Lukas Küng holds a MSc in Mechanical Engineering of ETH Zurich (graduated in 2014). He is currently employed as Doctoral Candidate at the Energy Systems Group of the Aerothermochemistry and Combustion Laboratory at ETH Zurich. His research focus lies on the energy systemic perspective of passenger car mobility in Switzerland; potential analysis of alternative propulsion technologies from an energetic point of view, while satisfying boundary conditions like mobility demand and electricity / fuel supply.

Emir Çabukoglu holds a MSc Mechanical Engineering at ETH Zurich (graduated in 2016). Currently, he is a scientific researcher at Aerothermochemistry and Combustion Systems Laboratory (LAV) at ETH Zurich and works for the Energy Systems Group of LAV with the focus on the electrification of heavy-duty vehicles in Switzerland using alternative powertrain technologies and its effects on the infrastructure.

Andreas Schmid grew up in the Canton of Wallis. In 2001, he started his studies at ETH Zürich as a mechanical engineer. In 2006, he received his Diploma and started his PhD at the Institute of Energy Technology with Professor Boulouchos: he experimentally investigated spray formation of a passenger car injector. In May 2011, he took the job offer from Wärtsilä Switzerland Ltd. as a "Spray and Combustion Research Scientist". In 2012, he defended his PhD. Since 2016, he leads the "Future Technologies" team, has the responsibility for collaborative research and leads research projects.

Donald Olsen graduated in Chemical Engineering from the University of British Columbia in Canada and then went on to complete a Masters in Chemical and Petroleum Engineering at the University of Calgary. He has worked in the zinc and lead producing industries as well petroleum industry and later in the process simulation software industry. Presently, he is a Senior Scientist at the Lucerne University of Applied Sciences and Arts. He is project manager for the PinCH software and a lecturer at the university.

Kristina Orehounig is senior researcher and group leader at the Chair of Building Physics at ETH Zurich and Urban energy systems laboratory at Empa. She holds a master degree in Architecture and a PhD in the area of Building Performance Simulation from Vienna University of Technology, Austria. Her research interests include the development of sustainable concepts in building design and operation, the integration of renewable energy systems, and the modelling and optimization of building and urban energy systems. She has been involved in a number of national and international research projects, and is currently work package leader in the SCCER FEEB&D. She is also responsible for the Master's program in "Integrated Building Systems" at ETH Zurich.

Andrew Bollinger is a scientist and co-group leader in the Urban Energy Systems Laboratory at Empa. He has a PhD in energy systems modeling from Delft University of Technology, focused on the modeling and analysis of climate resilient electricity infrastructures. His current research deals with the development of methodologies and tools for optimizing the design of district energy systems, in particular considering the influence of market and policy factors. He is the lead developer of the HUES Platform, a modular software tool for distributed energy system modeling and analysis.

Stefan Schneider works since 2015 in the energy system group of the university of Geneva. His main research activities are within the SCCER Future Energy Efficient Buildings and Districts concerning geo-referred energy demand. The present research interests are: (i) territorial modelling of energy demand; (ii) national scale energy system modelling to challenge the energy strategy 2050 goals.

Urs Muntwyler is Professor for Photovoltaics and leader of the PV Lab of the Berner Fachhochschule in Burgdorf since 2010. He was manager of the „Tour de Sol 1985-1992“, the first solar mobile race in the world. He is involved in PV since more than 40 years and had several companies in the PV field. He published more than 200 articles and books on solar energy, photovoltaics, electric vehicles and solar cars. Muntwyler is chair of the “Technical Collaboration Program Hybrid- and Electric Vehicles” of the International Energy Agency IEA.

Fabrizio Sossan got his M.Sc. in Computer Engineering from the University of Genova in 2010 and in 2014 the PhD in Electrical Engineering from the Danish Technical University with a theses on control of flexible demand for power optimization applied to power systems.

Rafael Segundo received his PhD from Imperial College London, in the United Kingdom in 2013 in a project funded by ABB Corporate Research Switzerland, where he also worked for one year. After his PhD, he spent one year as postdoctoral research fellow at KTH, in Stockholm, Sweden. Since July 2014, he is a research associate in the ZHAW where he leads different projects. In 2017, he awarded an Ambizione Energy Grant from the Swiss National Science Foundation to conduct research analyzing the dynamic stability of the Swiss and European transmission power grids subject to massive integration of renewable energy sources.

Excursions

A. What does it mean to be an Energy City?

13:15 Bus from the hotel to the wastewater treatment plant

Presentation and tour

Bus back to the hotel

B. Visit of the hydropower plant Trübsee

13:15 Presentation at the hotel

13:40 Bus to Titlis station and walk to the hydropower plant

Tour

Walk back to the hotel

C. Visit of the Benedictine monastery of Engelberg

13:15 Walk to the monastery

Tour

Walk back to the hotel

Participants

Last update on 16 October 2017

Name, Institution	Excursions	ECTS
A		
Mateo Acosta, EPFL	A Wed. + B Thur.	Report
Mehrdad Ahkami, ETH Zurich	A Wed. + B Thur.	Debates
Marion Alcanie, UNIGE	B Wed. + A Thur.	
Azin Amini, EPFL	A Wed. + B. Thur.	
Andrea Antenucci, ETH Zurich	A Wed. + C Thur.	
Cristina Antonini, ETH Zurich	B Wed. + A Thur.	Report
Azmi Ashroff, ZHAW	A Wed. + C Thur.	
B		
Paola Bacigaluppi, UZH	C Wed. + A Thur.	
Mariluz Bagnoud, HEIG-VD / HES-SO	C Wed. + A Thur.	
Christophe Baranowski, EPFL	A Wed. + B Thur.	Report
Marie-Claude Bay, Empa	A Wed. + B Thur.	
Claudia Beck, ETH Zurich	A Wed. + B Thur.	
Marta Benedetti, EPFL	B Wed. + C Thur.	Report
Martin Beuse, ETH Zurich	A Wed. + B Thur.	
Manuel Bianco, EPFL	A Wed. + C Thur.	Key learnings
Lionel Bloch, EPFL	A Wed. + B Thur.	Debates
Yuliya Blondiau, University St. Gallen	B Wed. + A Thur.	
Mokhtar Bozorg, EPFL	A Wed. + B Thur.	
Lukas Braunreiter, ZHAW / ETH Zurich	B Wed. + A Thur.	Debates
René Buffat, ETH Zurich	B Wed. + C Thur.	
Christine Bühler, UNILU	B Wed. + A Thur.	
Mary Jean Burer, EPFL	A Wed. + C Thur.	
C		
Adelaide Calbry-Muzyka, PSI	B Wed. + A Thur.	
Ayse Dilan Celebi, EPFL	A Wed. + B Thur.	
Gilles Chatelain, UNIGE	C Wed. + A Thur.	
Enrico Chinello, EPFL	A Wed. + B Thur.	Report
Alexandre Christe, EPFL	A Wed. + B Thur.	Key learnings
Reto Christen, HSR	C Wed. + A Thur.	
Chiara Colesanti Senni, ETH Zurich	A Wed. + B Thur.	
Beatrice Conte, UNIGE	C Wed. + A Thur.	
D		
Asmae Dahrabou, UNINE	B Wed. + A Thur.	
Eya Damergi, EPFL	A Wed. + B Thur.	
Alexander David, ETH Zurich	A Wed. + B Thur.	
João Delgado, EPFL	A Wed. + B Thur.	Report
Dila Demiral, ETH Zurich	A Wed. + B Thur.	Debates
David Dempfle, EPFL / BFH	A Wed. + B Thur.	Key learnings
Asja Derviskadic, EPFL	A Wed. + B Thur.	Key learnings
Léo Duchêne, Empa	A Wed. + B Thur.	

Jerome Dujardin, EPFL	A Wed. + B Thur.	Debates
Abhijit Dutta, UNIBE	B Wed. + A Thur.	
E		
Kathrin Ebner, PSI	B Wed. + A Thur.	Key learnings
Florian Egli, ETH Zurich	B Wed. + C Thur.	Key learnings
Matthias Erni, WSL	A Wed. + B Thur.	
F		
Iris Fernandes, ETHZ	A Wed. + C Thur.	Key learnings
Cornel Fink, EPFL	B Wed. + C Thur.	Report
Alain Foehn, EPFL	A Wed. + B Thur.	
Thibault Fovanna, PSI	B Wed. + A Thur.	Key learnings
Adrian Fratean, Technical University of Cluj-Napoca	B Wed. + A Thur.	Report
Stefan Frehner, HSLU	B Wed. + A Thur.	
G		
Paolo Gabrielli, ETH Zurich	A Wed. + B Thur.	
Busra Gencer, UNIL	B Wed. + A Thur.	Debates
Joao Gomes Pereira Junior, EPFL	A Wed. + B Thur.	
Jachin Gorre, HSR	B Wed. + A Thur.	Report
Danielle Griego, ETH Zurich	B Wed. + A Thur.	Key learnings
Madeleine Grossman, ETH Zurich	C Wed. + B Thur.	
Dominic Gschwend, PSI	B Wed. + A Thur.	
Ruchi Gupta, UNIGE	B Wed. + A Thur.	Key learnings
H		
Bruno Hadengue, EAWAG	A Wed. + C Thur.	
Léonore Hälg, ETH Zurich	C Wed. + A Thur.	
Xuejiao Han, ETH Zurich	A Wed. + C Thur.	
Mohammad Hashemi, EPFL	A Wed. + B Thur.	
Raphael Haymoz, FHNW	B Wed. + A Thur.	
Mahmoud Hefny, ETH Zurich	C Wed. + A Thur.	
Benjamin Hohermuth, ETH Zurich	A Wed. + B Thur.	Report
Laura Höltschi, PSI	B Wed. + A Thur.	Debates
Jordan Holweger, EPFL	A Wed. + B Thur.	Debates
Rolf Hügli, SATW	C Wed. + B Thur.	
Christopher Hunston, PSI	B Wed. + A Thur.	Key learnings
J		
Ahoura Jafarimanesh, ETH Zurich	C Wed. + A Thur.	Report
Prageeth Jayathissa, ETH Zurich	B Wed. + A Thur.	
K		
Annelen Kahl, EPFL	A Wed. + B Thur.	
Maria Kakurina, UNINE	B Wed. + A Thur.	
Anna Kalinina, PSI	B Wed. + A Thur.	Report
Raphael Klein, EPFL	A Wed. + B Thur.	Report
Anna Krammer, EPFL	B Wed. + C Thur.	Report
Marek Krehel, HSLU	C Wed. + B Thur.	
Stefan Krimmel, HSLU	B Wed. + A Thur.	Report
Bert Kruyt, EPFL / SLF	B Wed. + C Thur.	Debates

L

Benjamin Le Monnier, EPFL	B Wed. + C Thur.	Report
Rebecca Lordan-Perret, UNIBAS	B Wed. + A Thur.	
Slobodan Lukovic, USI	C Wed. + B Thur.	

M

Simon Maranda, HSLU	B Wed. + A Thur.	
Christina Marchand, ZHAW	C Wed. + A Thur.	
Adriana Marcucci, ETH Zurich	C Wed. + B Thur.	
Elfie Méchaussie, EPFL	A Wed. + C Thur.	
Julian Meister, ETH Zurich	A Wed. + B Thur.	Debates
Gillian Milani, UZH	B Wed. + A Thur.	
Federico Milella, ETH Zurich	A Wed. + B Thur.	Debates
Stefan Milovanovic, EPFL	A Wed. + B Thur.	Key learnings
Moritz Mittelviehhaus, ETH Zurich	B Wed. + A Thur.	
Sandra Moebus, HSR	C Wed. + A Thur.	
Samuel Monhart, WSL	B Wed. + A Thur.	
Mickael Montandon-Clerc, EFPL	B Wed. + C Thur.	Report
Stefanie Müller, WSL	B Wed. + A Thur.	Key learnings

N

Morteza Nejati, ETH Zurich	A Wed. + B Thur.	
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O

Silvia Omodeo Salé, UNIGE	B Wed. + A Thur.	Report
Christian Opitz, University St. Gallen	C Wed. + B Thur.	

P

Francesco Pagani, Empa	A Wed. + C Thur.	Debates
Bhavish Patel, PSI	C Wed. + B Thur.	
Aimilia Pattakou, ETH Zurich	B Wed. + A Thur.	Debates
James Patterson, ETH Zurich	B Wed. + C Thur.	
Amarasinghage Perera, EPFL	B Wed. + C Thur.	
Anastasia Permyakova, PSI	C Wed. + A Thur.	
Samuel Peter, ETH Zurich	C Wed. + A Thur.	
Roberta Piccinelli, Joint Research Centre	B Wed. + A Thur.	
Bernhard Pribyl, PSI	B Wed. + A Thur.	Report

Q

Ydna Questell, EPFL	B Wed. + C Thur.	
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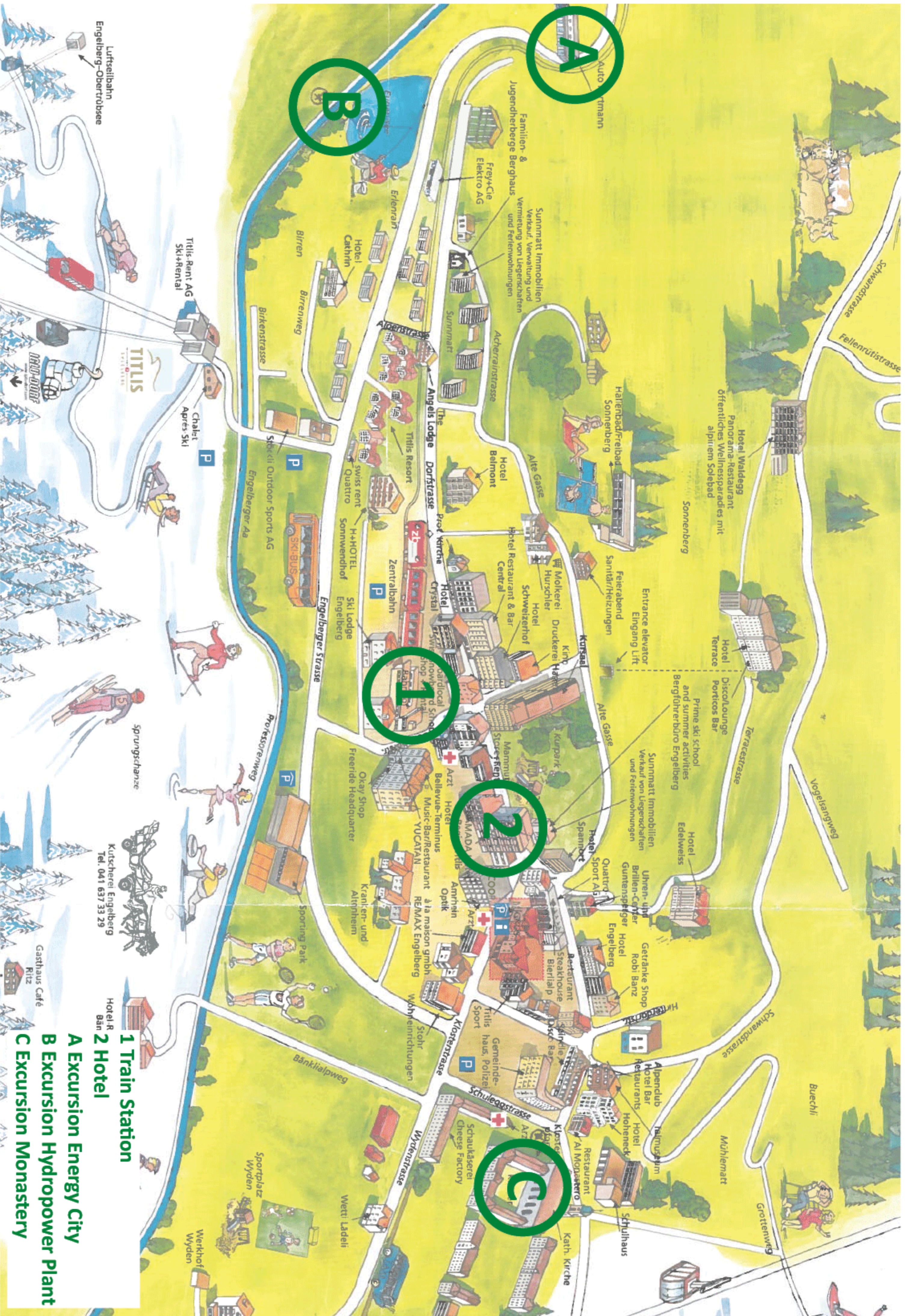
R

David Reber, Empa	A Wed. + B Thur.	Key learnings
Zakariaa Refaa, HSLU / EMPA	B Wed. + A Thur.	
Mojtaba Rezaei, EPFL	A Wed. + C Thur.	Report
Giorgio Rinaldi, EPFL	A Wed. + B Thur.	
Beni Rohrbach, HSLU	B Wed. + A Thur.	
Jessica Rohrbach, EPFL	B Wed. + C Thur.	Report
Lukas Rominger, HSR	C Wed. + A Thur.	
Philipp Roos, ETH Zurich	A Wed. + B Thur.	Debates
Kévin Rosset, EPFL	A Wed. + B Thur.	Report
Edoardo Rossi, ETH Zurich	C Wed. + B Thur.	

Alexander Rudnev, UNIBE	C Wed. + A Thur.	
Franziska Ruef, ETH Zurich	B Wed. + A Thur.	
S		
Olga Sambalova, Empa	B Wed. + C Thur.	
Sandy Sanchez, Adolphe Merkle Institute	A Wed. + C Thur.	Report
Georgios Sarantakos, EPFL	A Wed. + C Thur.	
Ivo Schillig, AlpEnCorCe	B Wed. + C Thur.	
Joram Schito, ETH Zurich	A Wed. + B Thur.	Report
Thomas Schluck, HSLU	C Wed. + B Thur.	
Andreas Schmid	B Wed. + C. Thur.	
Benjamin Schmid, WSL	C Wed. + A Thur.	
Nicolas Schmid, ETH Zurich	A Wed. + B Thur.	Report
Tobias Schmocker, FHNW	C Wed. + A Thur.	
David Scholz, PSI	B Wed. + A Thur.	Report
Markus Schreiber, UNILU	A Wed. + B Thur.	
Benjamin Schroeteler, HSLU	B Wed. + A Thur.	
Enrica Scolari, EPFL	A Wed. + B Thur.	
Jiyoun Seo, EPFL	A Wed. + B Thur.	Report
Martin Christoph Soini, UNIGE	B Wed. + A Thur.	
Severin Stähly, EPFL	A Wed. + B Thur.	Debates
Matthias Stark, WinGD	C Wed. + B Thur.	
Bjarne Steffen, ETH Zurich	C Wed. + B Thur.	
Ivan Stojnic, EPFL	A Wed. + B Thur.	Debates
Anna Stünzi, ETH Zurich	A Wed. + B Thur.	Report
Preston Sutton, UNIFR	C Wed. + B Thur.	
Bratislav Svetozarevic, ETH Zurich	A Wed. + B Thur.	Report
U		
Duglas Michael Urena Hunziker, BFH	A Wed. + C Thur.	
V		
Paul van Baal, EPFL	A Wed. + C Thur.	Debates
Mijndert van der Spek, ETH Zurich	A Wed. + C Thur.	
Alexandra Vogel, University St. Gallen	B Wed. + A Thur.	Debates
Cyrill von Planta, USI	C Wed. + B Thur.	
W		
Devon Wemyss, ZHAW	B Wed. + C Thur.	
Quinn Wenning, ETH Zurich	B Wed. + C Thur.	
Mirjam West, ZHAW	A Wed. + C Thur.	
Jens Witzig, FHNW	B Wed. + A Thur.	Key learnings
Yujie Wu, EPFL	A Wed. + B Thur.	
Y		
Hervé Yao, UNIFR	B Wed. + A Thur.	
Jher Hau Yeap, EPFL	A Wed. + B Thur.	Report
Z		
Samuel Zehnder, FHNW	B Wed. + A Thur.	
Daniel Zenhäusern, HSR	C Wed. + A Thur.	
Xiaojin Zhang, PSI	B Wed. + A Thur.	

Xiaohai Zhou, Empa
Marion Zumoberhaus, UNILU
Frank Zwaan, UNIBE

A Wed. + B Thur.
B Wed. + A Thur.
C Wed. + A Thur.



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Ritz

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San

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2 Hotel

A Excursion Energy City

B Excursion Hydropower Plant

C Excursion Monastery

A

B

1

2

C

Auto
tunnel

Frey+Cie
Elektro AG

Sunnmatt Immobilien
Verkauf, Verwaltung und
Vermietung von Liegenschaften
und Ferienwohnungen

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Hotel Restaurant & Bar
Central

Hotel Schweizerhof

Hotel Molkerei
Hurschler

Hotel Crystal

Hotel Mammli
Storck Ken

Hotel Bellevue-Terminus

Hotel Amrain
Optik

Hotel à la maison gimbh
REMAX Engelberg

Hotel Tittlis
haus, Polizei

Schulkasererei
Cheese Factory

Kath. Kirche

Schulhaus

Kloster

Hotel Waldegg
Panorama-Restaurant
Öffentliches Wellnessparadies mit
alpinem Solebad

Hotel Terrace

Disco/Lounge
Porticos Bar

Prime ski school
and summer activities
Bergführerbüro Engelberg

Hotel Edelweiss

Hotel Edelweiss

Hotel Edelweiss

Hotel Edelweiss

Hotel Edelweiss

Hotel Edelweiss

Hotel Edelweiss

Hotel Edelweiss

Buechli

Mühlmatt

Grottenweg

Schwandstrasse

Fellenrütistrasse

Vogelhangweg

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