ZENO KARL SCHINDLER FOUNDATION's PUBLISHING LIST through GRANTS (MASTER THESIS, DOCTORAL EXCHANGE) AND PRIZES (ZKS/SAGG AWARD, ZKS/EPFL AWARD) AND SPECIAL SCHOLARSHIPS (ZKS/WALTER HAUG, MINIARE, TRAME, DURHAM, FRAGMENTARIUM, ZKS/CLAUDIO LEONARDI) as well as from COLLOQUIUMs' and other PUBLICATIONs' SUBSIDIES

The list is done according to the three principal research areas of the ZKS Foundation (Medieval Studies, Engineering and Digital Humanities) and in order of reception of the thesis/publications at the ZKS Foundation's Library in Hergiswil, Nidwalden. This list is not exhaustive since by far not all published works have been received at the time of updating. The list will be updated upon reception of new thesis/publications once or twice a year:

I. GRANTS

1. MEDIEVAL STUDIES

- **Hrsg. André Schnyder:** Thüring von Ringoltingen: Melusine (1456) Band I, II. Nach dem Erstdruck Basel: Richel um 1473, Reichert Verlag, Wiesbaden, 2006

- **André Schnyder und Jean-Claude Mühltahler:** 550 Jahre deutsche Melusine – Coudrette und Thüring von Ringoltingen, 550 ans de Mélusine allemande – Coudrette et Thüring von Ringoltingen, Peter Lang Verlag, Bern, 2008

- **Alain Corbellari & André Schnyder (Éd):** Translation Litterarum ad Penates. Das Mittelalter übersetzen. Traduire le Moyen Âge, CTL No 47, Lausanne, 2005

- **Lucas Marco Gisi:** EINBILDUNGSKRAFT UND MYHTOLOGIE. Die Verschränkung von Anthropologie und Geschichte im 18. Jahrhundert, De Gruyter Verlag, Berlin, 2007

- **Wolfgang W. Müller** (Hg): Musikalische Etüden zum Verhältnis von Musik und Theologie, Theologischer Verlag Zürich, 2012

- **Katharina Mertens-Fleury:** Leiden lesen. Bedeutungen von Compassio um 1200 und die Poetik des Mitleidens im 'Parzival' Wolfram's von Eschenbach, Walter de Gruyter Verlag, Berlin, 2006

- **Christa M. Haeseli:** Magische Performität. Althochdeutsche Zaubersprüche in ihrem berlieferungskontext, Königshausen &Neumann Verlag, Würzburg, 2011

- **Réjane Gay-Canton:** Entre dévotion et théologie scolastique: Réception de la controverse autour de l'Immaculée Conception en pays germaniques. Brepols Publishers, Turnhout, 2011

- **Mira Mocan:** L'Arca della Mente. Riccardo di San Vittore nella Commedia di Dante, Leo S. Olschki Editore, Firenze, 2012

- **Sabine Griese:** Text-Bilder und ihre Kontexte. Medialität und Materialität von Einblatt-Holz und –Metallschnitten des 15. Jahrhunderts, Chronos Verlag, Zürich, 2011

- **Noëlle-Laetitia Perret:** Les traductions françaises du De Regimine principum de Gilles de Rome. Parcours matériel, culturel et intellectual d'un discours sur l'éducation, Brill, Leiden. Boston, 2011

- **Katharina Mertens Fleury:** Zeigen und Bezeichnen, Zugänge zu allegorischem Erzählen im Mittelalter, Königshausen & Neumann, Würzburg, 2014

- **Teodoro Patera:** Identità e alterità del personaggio medievale: attraverso i testi antico francesi della leggenda di Tristano, Università degli studi di Macerata, 2014 (not yet published)

- **Gleb Schmid (Shmidt):** Excerptum Roberti Herefodensis et le ms. Bibl. Nat. de Russie Lat. O.v.IV No 1: un épisode d'histoire intellectuelle du XIIe siècle, Mémoire de Master, Collège Universitaire Français de SaintPétersbourg, Année Universitaire 214/15

- **Dr. Carmen Benítez Guerrero:** LA HISTORIA A TRAVÉS DE LAHISTOGRAFÍA, Estudio y edición de la Crónica de Fernando IV, Faculdad de Geografía e Historia, Departamento de Historia Medieval y Ciencias Técnicas Historiográficas, Universidad de Sevilla, Sevilla 2015

- **Dr. Annalia Marchisio :** ODORICO DA PORDENONE, Relatio de mirabilibus orientalum Tatarorum, Edizione critica, Edizionni del Galuzzo, Firenze, 2016

- **Dr. Christine Scherrer**: Heikle Versprechen, Bürgschaft und Fleischpfand in der Literatur, Peter Lang Verlag, Bern, 2016

- **Prof. Dr. Em. Alois Maria Haas:** Mystische Denkbilder, Johannes Verlag, Einsiedeln, 2014

- **LE SENS DU TEMPS / THE SENSE OF TIME** Actes du VIIe Congrès du Comité International de Latin Mediéval / Proceedings of the 7th Congress of the International Medieval Latin Committee, (Lyon, 10-13.09.2014) Editeurs: Pascale Bourgain & Jean-Yves Tilliette, Librairie Droz, Genève

- **Gohar Grygorian:** ROYAL IMAGES OF THE ARMENIAN KINGDOM OF CILICIA (1 198-1375) IN THE CONTEXT OF MEDITERRAEAN INTERCULTURAL EXCHANGE, University Press, Freiburg, 2017

- **Isabella D'Auria:** Claudio Mario Vittorio ALEHTIA, Precatio e primo libro, Introduzione, testo latino, traduzione e commenti, Università degli Studi di Napoli Federico II, ClioPress, December 2014

- **Robert Tanner:** Gregorianik vor und nach dem 2. Vatikanischen Konzil, Masterarbeit im Fach Gregorianik, Universität Luzern, September 2017

- **Teymour Morel:** Butrus al Tulawi (1657-1746). Présentation de son oeuvre philosophique. Edition critique et traduction commentée des deux premiers examens (baht-s) du Livre de la Logique (al-Mantiq), Thèse de doctorat en co-tutelle, Université de Genève et Ecole Pratique des Hautes Etudes (EPHE), Paris

- **Collecting, Organizing and Transmitting Knowlwedge, Miscellanies in Late Medieval Europe,** edited by Sabrina Corbellini, Giovanna Murano, Giacomo Signore in Bibiologia volume 49 (Elementa ad librorum studia pertinentia), BREPOLS, 2018, Turnhout, Belgium

- **Delphine BURGHGRAEVE:** De couleur historiale et d'oudeur de moralité : poétique et herméneutique de l'histoire antique dans la Bouquechardière de Jean de Courcy (1416), COTUTELLE DE THESE DE DOCTORAT Unil – Université de Lausanne et Université Sorbonne Nouvelle – Paris 3, thèse soutenue le 1er avril 2019

- **Dr. Claire-Marie Schertz:** De l'épée a la plume : La construction de l'Auctorialité dans l'Œuvre de Philippe de Mézières, Université de Lausanne, Lausanne, January 2020

- **Richard Fasching:** Die Myrrhenbüschel vom Leiden Christi, Untersuchungen, Überlieferungen und Edition, Band I und II, Reichert Verlag, Wiesbaden, 2020

- **Dr. Kathrin Chlench-Priber:** Die Gebete Johanns von Neumarkt und die deutschsprachige Gebetbuchkultur des Spätmittelalters, Dr. Ludwig Reichert Verlag, Wiesbaden, 2020

- **Dr. Alessandra Costa:** Giacomo Jaquerio (1404-1453) - un atelier de peintres dans le duché de Savoie, Université de Genève, 2021

- **Eva Locher:** "Kohärenz und Mehrdeutigkeit - Vergleichende Fallstudien zur Poetik der Sangsprechdichtung Rumelants von Sachsen" Université de Zurich et Université de Oxford, Faculty of Medieval and Modern Languages, 2021

- **Carlo Zacchetti:** "La scuola di San Vittore e la letteratura francescana dell'Italia medievale (XIII-XIV secolo)", Scuola Normale di Pisa et Université de Genève, 2022

- **Marina Giani:** Il "Liber glossarum" e la tradizione altomedievale di Agostino, Sismel - Edizioni del Galluzzo

- **Mirjam Geissbühler:** "Die Parzival-Handschrift L" Hamburg, Staats- und Universitätsbibliothek, Cod. Germ. 6

- **Stephan Lauper:** "Das Briefbuch der Strassburger Johanniterkommende Zum Grünen Wörth", Scrinium Friburgense, 2022

- **Benedetta Viscidi**: "Dorelot Vadi Vadoie - Lo stupro nella letteratura galloromanza medievale in versi (XII-XIII secolo)", Università di Ginevra, Università di Pavia, 2023

2. ENGINEERING (includes summer school reports if we have received a printed version)

- **Chantal Imhof:** RISK ASSESSMENT IN LABORATORIES HANDLING NANO-OBJECTS AT EPFL, Master Thesis in Environmental Engineering, Lausanne, 2008

- **Carol Kirchhofer:** IMPLEMENTATION OF ATTRIBUTE PROCESSING STRATEGIES IN ADVANCED DISCRETE CHOICE MODELS, Master Thesis Transport and Logistics, Lausanne and Sydney, 2008

- **Christian Kohn**: INPUT INTERCONNECT BLOCK TO INTEGRATE A FIELD PROGRAMMABLE COMPRESSOR TREE INTO A FIELD PROGRAMMABLE GATE ARRAY, Master Thesis Friedrich Alexander Universität, Erlangen and EPFL, Lausanne, 2010

- **Antonin Danalet:** AN EMPIRICAL INVESTIGATION OF DETERMINANTS OF ATTENTION TO ATTRIBUTES IN CHOICE OF EXPERIMENTS, Master Thesis in Transport and Mobility, EPFL and University Waikato, 2009

- **Lorenzo Colombo**: LARGE SHEAR BOX FOR ANALYSING STRENGTH MOBILISATION IN UNSATURATE CONDITIONS, Master Thesis in "Ingegneria per l'ambiente e il Territorio", Politecnico di Torino, ETH Zürich, 2008

- **Andreagiovanni Reina:** SCIAMI DI ROBOT VOLANTI PER LA PIANIFICAZIONE DISTRIBUITA DI PERCORSI PER IL MOVIMENTO DI OGGETTI A TERRA, Master Thesis Politecnico di Milano and Polo Regionale di Como, 2010

- **Sébastien Cajot:** RESERVOIR SEDIMENT MANAGEMENT USING REPLENISHMENT: A NUMERICAL STUDY OF NUNOME DAM, Master Thesis Kyoto University and EPFL, Lausanne, 2011

- **Gerrit Gmel:** OF SOUND AND HEARING: AN ELECTRICAL MODEL OF THE BIOLOGICAL PATHWAY, Master Thesis University of Sydney and EPFL, Lausanne, 2011

- **Tomáš Robenek**: INTEGRATED BERTH ALLOCATION AND YARD ASSIGNMENT PROBLEM USING COLUMN GENERATION, Master Thesis, Danmarks Tekniske Universitet (DTU) and EPFL, Lausanne, 2012

- **Jacques Stadlin:** OUT-OF-AUTOCLAVE MANUFACTURING OF COMPLEX SHAPE LAMINATES, Master Thesis McGill University, Montreal and EPFL, Lausanne, 2012

- **Fabian Mahrt:** In-situ characterization of atmospheric aerosol particles in Tenerife, Spain, using an aerosol time-of-ight mass spectrometer, Master Thesis submitted to the Swiss Federal Institute of Technology, Zurich, January 2015

- **Thomas Vetterli:** Biodesign for the Real world: Open source Science for Water Quality Monitoring, July 12, 2015 (nal report of civil service project, EPFL, Artscience Bangalorer, Lifepatch, ZKS)

- **Robert Keitel:** Thermal stability and thermoelectric properties of PbS nanocrystals, December 2015, MIT and ETH Zurich

- **Tino Christen:** Low Pressure Gravity Driven Membrane Filtration as a Pretreatment for Seawater Reverse Osmosis, July 2016, Nanyang Technological University, Singapore, and ETH Zurich

- **Elena Morara:** Odometry and mapping inside pipes. Visual, inertial and kinematic sensor fusion, September 2016, Autonomous Systems Lab Prof. Roland Siegwart and ETH Zurich

- **Dr. sc. ETH Zurich Yvonne Boose:** Field and Laboratory Studies of Atmospheric Ice Nucleating Particles, TU München, Izaña Observatorium Tenerife, and ETH Zurich

- **Marius Hartmann:** Moving Force Identication Using Heuristic Algorithms, August 2016, National University of Singapore and ETH Zurich

- **Marion Hoffmann:** Virtual reality experiments and simulations for the design of innovative infrastructures, August 2016, Université Paris- Saclay, CentraleSupélec, and ETH Zurich

- **Alberto Ferrero:** Highly flexible thin-film transistors using non standard geometries on elastomeric substrate, October 2016, Politecnico di Torino and ETH Zurich

- **Oliver Brenner:** Generalized CTRW Approach for Fractured Heterogeneous Media, October 2016, Stanford University and ETH Zurich

- **Andreas Amrein:** High Speed AFM Using Spiral Scans, September 2015, Lawrence Berkeley National Laboratory and ETH Zurich

- **Aaron Lelouvier:** Eco-Platooning of Autonomous Electrical Vehicles using distributed Model Predictive Control, December 2016, UC Berkeley and ETH Zurich

- **Matteo Togninalli:** Binary Dynamic Fluorescence Time-Lapse In Elucidating Muscle Stem Cell Fate, August 2016, Baxter Laboratory of Stanford University and EPFL, Lausanne

- **William Courbat:** Low-cost fabrication and characterization of insulated probes for conductive scanning probe microscopy in liquids, August 2016, Lawrence Berkeley National Laboratory and EPFL, Lausanne

- **Sumit Mohanty**: Fabrication and tracking of artificial bacterial flagella using Stereo holographic diffraction, September 2016, Institute of Robotics and Intelligent Systems IRIS and ETH Zurich

- **Maxime Auchlin:** Detection of defects in structures using piezoceramic-induced vibrothermography, a numerical study with experimental verification, September 2016, University of Houston and EPFL, Lausanne

- **Dominik Roth:** Quantification of tryptophan-like fluorescence in groundwater: comparison of portable versus benchtop instrumentation, and assessing the interference of toluene, July 2016, Bren School, University of California, Santa Barbara, and ETH Zurich

- **Paolo Micalizzi:** All-printed, flexible organic solar cells as energy harvesters for self powered wireless sensor nodes, May 2016, IRIS, University of Berkeley and ETH Zurich

- **Yannick Baumgartner:** Annealing studies of highly mismatched GaN1_xSbx alloys: origin of the native and tunable p-type conductivity, Lawrence Berkeley national Laboratory, Berkeley and EPFL, Lausanne

- **Dr. Fabian Mahrt** (co-author, MIT): An Introduction to CLOUDS. From the Microscale to the Climate, Cambridge University Press, 2016

- **Gianluca Cesari:** Scenarion Model Predictive Control for autonomous driving on highway, January 2016, University of California and ETH, Zurich

- **Tommaso Magrini:** In situ Raman Spectroscopy for Stress-mapping and Stresstransfer Mechanisms Investigation in Bioinspired Composites, MIT and ETHZ, November 15, 2016

- **Eva Lea Empting:** Controllable Thermal Conductivity of Polymer Films, Stanford University and ETHZ, 2016

- **Holger Sprengel:** ANALYSIS OF SURFACE PROPERTIES OF OPALINUS, CLAY EXTENSIONAL FRACTURES, Eberhard Karls Universitaet, and ETHZ, 01.01.2017

- **Jan O. Tiepelt:** Development of Nanoantenna-Enhanced Electrodes for Efficient Light Out-Coupling in OLEDs via Surface Plasmon Polaritons, MIT and ETHZ, March 2017

- **Quirin Grossmann:** CFD Modeling of Micro Packed Bed Reactors with OpenFoam, MIT and ETHZ, 2017

- **Charlotte Gisele Weil:** NATURAL CAPITAL DATA VISUALIZATION TO PROMOTE SUSTAINABLE DECISION MAKING, Stanford University and EPFL, March 10, 2017

- **Bastien Gorret:** DESIGN OF ON-ORBIT TECHNOLOGY RISK REDUCTION EXPERIMENTS FOR CUBESAT CAPTURE SYSTEMS, MITand EPFL, April 13, 2017

- **Maximilian Jansen:** LaFeO3: Surface Electronic Structure and Microscopic Switching, MITand ETHZ, March 2017

- **Maxime Garnier:** Investigation of NI-Al2O3 nacre like composite through hot pressing of freeze-cast foam, Northwestern University and EPFL, February 28, 2017

- **Irmandy Wicaksono:** Design and Implementation of Multi-sensory Fabric as Deformable Musical Interface, MIT and ETHZ, November 2016

- **Daniela Koenig:** Crabon dynamics during the formation of sea ice at different growth rates, Institute of Ocean Sciences, Canada, and ETHZ

- **Raphael Glaesener:** Investigation of the deformation behavior and failure modes of inelastic periodic truss networks using a localized continuum formulation, Caltech and ETHZ, May 31, 2017

- **Nicola Bošković:** Design of Isolated DC-DC Converter with Dual Active Bridge, ETHZ, October 2016

- **F.G.A van de Beek:** Physics of dielectric-barrier discharge in gas, A numerical study, Delft University, May 24, 2017

- **Jules Henze:** A Nature Inspired Approach for Producing Bio-Solids from Urine, University of Cape Town and ETHZ, 2017

- **Marco Weibel:** A Multiscale Network Approach for Reduced Order Modeling of Flow and Transport, Stanford University and ETHZ, spring 2017

- **Kilian Vos:** Remote sensing of the nearshore zone using a rotary wing UAV, Water Research Laboratory, Sydney, and EPFL, August 8, 2017

- **Eliott A. Odermatt:** Networking of · Reservoir Sediment Management Groups for SustainablecWater Resources in the River Basin Scale, Kyoto University and ETHZ, Spring 2017

- **Mattis Koh:** Designing Activated Buckling Structures Using FDM 3D Printing, ETHZ, October 2017

- **Michael Kessler**: Bio-Inspired Thin Hydrogel Sheets Mimicking Mussel Byssus, MIT and EPFL, August 2017

- **Nathan Laubeuf:** SMART GLOVE INTEGREATED WIRELESS SYSTEM HOSTING SOFT AND WERABALE SENSORS FOR HANDTRACKING, Ecole des Mines, Saint Etienne, and EPFL, October 2017

- **Clément Chamboulive:** Observation and control of phonon hopping dynamics on trapped ions, Osaka University and ETHZ, September 2017

- **Stephanie Martin:** Understanding and Decoding Imagined Speech using Electrocorticographic Recordingsin Humans, PhD in Neurosciences, EPFL, 2017

- **Carlo Gigli:** Fluorescence biosensing of DNA wrapped Single Wall Carbon Nanotubes in Microfluidic Devices, Politecnico di Torino and EPFL, August 1, 2017

- **Federico Binda:** Study of La and MN cosubstitution in BiFeO3 thin film deposited via pulsed laser deposition, UC Berkeley and EPFL, June 14, 2017

- **Alvaro Charlet:** A novel bio-inspired double network hydrogel class / La moule, l'origine du monde de nouveaux hydrogels hybrids, Master Thesis, MIT and EPFL, March 2017

- **Sean Dominin:** Development of the Ice Throw Model for Wind Turbine Simulation Soft Ware QBlade, Master Thesis, TU Berlin and ETH Zurich, August 2017

- **Robin Henri**: Investigation on Mycelium-Based Composites, Master Thesis EPFL, Lausanne and University of Waikato, Hamilton, August, 2018

- **Marco A. Gysel:** Fabrication and Characterization of Novel All-Solid-State Glucose Micro Fuel Cells, Master Thesis MIT, Cambridge, USA, and ETHZ, Zurich, September 2018

- **Alvaro Estandia Hentschel:** On the Interaction between Autonomous Mobility on Demand Systems and Power Distribution Networks, Master Thesis, ETHZ, Zurich, Case study in Orange County, California, USA, May 2018

- **Antoni Rosiñol Vidal:** Densifying Sparse VIO A mesh-based approach using structural regularities, Master Thesis, ETHZ, Zurich and MIT, Cambridge, USA, September 2018

- **Daniel Powell:** Development of a lidar sub-system for small-scale experiments to improve understanding of stratospheric aerosols for solar geo-engineering, Master Thesis, Harvard University, Keith Group, Cambridge, USA, and ETHZ, Zurich, April 2018

- **Andrea Giunto**: Enabling the Internet of Things with Low-Cost, Reliable Microbatteries, EPFL, Lausanne, and MIT, Cambridge, USA, April 2018

- **Julian F.M. Förster:** Hybrid Model Predictive Control & Learning-Based Disturbance Prediction for Crosswind Stabilization of Hybrid Airships, Master Thesis, University of Toronto, Toronto, and ETHZ, Zurich, April 2018

- **Nathan Hostettler:** Systematic Evaluation and Transformation of Uncured Aerospace Prepreg Offcuts, Master Thesis EPFL, Lausanne and McGill University, Montreal, Canada, Winter 2017/18

- **Chiara Ercolani:** Control Strategies for SUPERball: a Next Generation NASA Tnesegrity Rover, Master Thesis, EPFL, Lausanne, and NASA Ames Research Center, Moffet Field, California, USA, March 2018

- **Bojana Nenezić:** Learning Incremental 6-DOF Ego-motion with an Event Camera, Master Thesis, University of Zurich, Zuirch

- **Matthieu Eric Lempen:** High-Throughput Screeing and Machine Learning of Double Perovskite Chalcogenides for Light Emission and Photovoltaics, EPFL and University of Toronto, September 2017

- **Iwan Haechler:** Solar surface-based water evaporation, Master Thesis, ETH, Zurich and Lawrence Berkeley National Laboratory, Berkeley, California, USA, December 2017

- **Liviu Aolaritei:** Robust Stability Assessment under Operational Constraints in Power Systems, ETH, Zurich, and MIT, Cambridge, USA, December 2017

- **Loulia Kasem:** Developing isothermal strategies for nucleic acid amplification detection on silicon nanowire ISFETs through pH readout, Tesi di laurea in Nanotecnologie, Anno accademico 2017/2018

- **Chelsea Chisholm:** Functional traits drive plant community and ecosystem response to global change across arctic and alpine environments, Doctoral Thesis, University of Copenhagen, June 2017

- **Weizhen Huang:** Use of a DVS for SLAM in High Speed Applications, Master Thesis, Autonomous Systems Lab, Zurich, ETH Zurich, Autumn term 2018

- **Qian, Ding:** Analysisi of an all-III-V TEFT with Quantum Transport Simulation and Ab-inition DFT Study of the Trap Origin, Master Thesis RWTH Aachen University and ETH Zurich, Aachen, 17.09.2018

- **Monika Feldmann:** Long Term Risk of Extreme Precipitation from Tropical Cyclones in the USA, Master Thesis, MIT, Cambridge, MA, and ETH, Zurich, September 3, 2018

- **Victoria Peterson:** Decodicacion de la actividad cerebral mediante regularizacion con penalizantes mixtos, Doctoral Thesis, 2018, Universidad Nacional del Litoral, Santa Fe, USA, 2 noviembre 2018, and ETH, Zurich

- **Philippe Nicollier:** Gas-releasing liquids on liquid-repelling surfaces, A room-temperature Leidenfrost effect, Master Thesis, MIT, Cambridge, MA, ETH, Zurich, October 2018

- **Helena Wiemeyer**: Continuous MSMPR Crystallization for Purication of an active Pharmaceutical Ingredient, Master Thesis, MIT, Cambridge, MA and ETH, Zurich, October 2018

- **Alexander C. Herandez Oendra:** Exciton-Phonon Coupling in (CnH2n+1NH3)2PbI4 Networked Perovskites, Master Thesis, MIT, Cambridge, MA, and ETH Zurich, October 30, 2018

- **Kathrin Alber:** Prediction and predictability of the North Atlantic Oscillation, Master Thesis, George Mason University, Fairfax, and University of Basel, October 2018

- **Leonard Deuschle:** Implementation of an FEM-Based Self-Consistent Poisson-Landau-Khalatnikov Solver for NCFET, Master Thesis, UC Berkeley and ETH, Zurich, October 25, 2018

- **Charlotte Caecilie Gertrud Bunne:** Learning Generative Models with Gromov-Wasserstein Divergences, Master Thesis, MIT, Cambridge, MA, ETH Zurich, December 2018

- **Filippo Licordari:** Polymorphism control in Batch and in Mixed Suspension Mixed Product Removal crystallizers, Master Thesis, MIT, Cambridge, MA, and ETH, Zurich, 2018

- **Blandine Clément:** EVALUATION OF THE EFFECT OF AN ANKLE ASSITSING EXOSUIT ON GAIT AND MUSCLE ACTIVATION DURING OVERGORUND WALKING IN POST-STROKE PARTICIPANTS, Master Thesis, Harvard Biodesign Lab at Harvard School of Engineering and Applied Sciences, Cambridge, MA, and EPFL, Lausanne, 2019

- **Raphael Silvan Knecht:** Effects of substrate viscoelasticity on tendon derived cell behavior during maturation and aging, Master Thesis, Harvard University, Cambridge, MA and ETH Zurich, April 1, 2019

- **Kevin Hauser:** Van der Waals Epitaxy of the Transition Metal Dichalcogenide WTe2, Master Thesis, August 22, 2019, University of Zurich, Zurich and Harvard University, Cambridge, MA

- **Prachi Thureja:** Inverse design of actively tunable metasurfaces for beam steering applications, Master Thesis, ETHZ, Zurich, and Caltech, Pasadena, CA

- **Nicolas Lanzetti:** Do self-driving Cars Swallow Public Transit? A Game-theoretical Perspective on Transportation Systems, Master Thesis, ETHZ, Zurich and Stanford University, Stanford, CA, September 2019

- **Davis Moritz Cleres:** Computer Vision based on automated and non-intrusive force measurement for Cardiac Microphysiological Systems, Master Thesis, EPFL, Lausanne and The University of California, Berkeley, CA

- **Sylvain Collet:** Varionational phase-field study of adhesive wear: Elastic and elastic-plastic models, Master Thesis, EPFL, Lausanne, and California Institute of Technology, Pasadena, CA

- **Clemens Isert**: Predicting Sequential Edits to Molecular Graphs to Anticipate Major and Minor Reaction Products, Master Thesis, ETHZ, Zurich and MIT, Cambridge, MA

- **Yujie Wu:** Automated Daylighting Control system based on Sky Luminance Monitoring and Lighting Computing, Doctoral Thesis, EPFL, Lausanne and Lawrence Berkeley National Laboratory, Berkeley, CA, 2019

- **Teodora Andrejić:** Real-time In-=flow Biomolecule Detection using High-Q Dielectric Metasurfaces, Master Thesis, Technische Universität Dresden and EPFL, Lausanne, August 2019

- **Matthias Grass:** Recovery of Human Cardiomyocytes Following Extended Ischemai, Master Thesis, ETHZ, Zurich, and MIT, Cambridge, MA, September 2019

- **Patrick Jattke:** Analysis, Design and Implementation of Advanced Optimization Strategies for the marble FHE Comnpiler, ETHZ, Zurich, and Hasso Plattner Institut Universität Potsdam, May 2020

- **Edoardo Gabbi:** Vision-based tracking system with camera control for aerial filming of vehicles, Master Thesis, University of Zurich/ETHZ, Zurich, and UCLA, Los Angeles, CA, April 2020

- **Felix Graule:** Multimodal Feedback Control for Aerial Manipulation, Master Thesis, ETHZ, Zurich, and Imperial College, London, Spring term 2020

- **Alberto Fontebasso:** Analysis of Velocity Staistics on Statistically inhomogenous Domains with a Lightweigth Paramerization of the Polar Markovian Velocity Process Model, Master Thesis, ETHZ, Zurich, and Stanford University, Stanford, CA, HS 2019

- **Sacha Haidinger:** Computer Visions, Machine Learning and Deep Learning for Cell-Image Based Drug Screening, EPFL, Lausanne, and University of New South Wales, Sydney, September 2020

- **Francesco Milano:** Dual-Primal Mesh Convolutional Neural Networks, Master Thesis, ETHZ, Zurich, and MIT, Cambridge, MA, April 2020

- **Christopher Jarret:** Design and Application of an Elastomeric Series Elastic Actuator for Rehabilitation Robotics, Doctoral Thesis, University of Auckland, March 2020

- **Jialiang Gao:** Magnetoresistance and Magnon Spin Transport in Tm34Fe5O12 (TmIG)/Pt Heterostructure, Master thesis, ETH Zurich, and RWTH Aachen University, December 2019

- **Jan Schilliger:** Discrete-Time Safety Filter Using Control Barrier Functions and Applications to Nonlinear Model Predictive Control, Master thesis, ETH Zurich and Stanford University, March 2020

- **Brooke Zampell:** Computational Fluid Dynamics of the Adult aorta during Use of Extra-corporal Membrane Oxygenation and Left Ventricular Assist – How ECMO and the Impella alter physiological flow and perfusion, Master thesis, EPFL, Lausanne, and Harvard-MIT

- **Yann Tinguely:** The Effects of Aging, Injury, Growth Factors and Viscoelasticity on Tendon ECM and Cell Behaviour, Master Thesis, ETH Zurich and Harvard University, Cambridge MA, February 2021

- **Alice Colombo, Chiara Proserpio**: Bioprinted3D scaffolds incorporating barium titanite coated calcium phosphate nanoparticles as a model to study bone mineralisation, Master thesis, ETH Zurich and Politecnico Milano, February 2021

- **Andreas Lukas Gimpel:** A Systematic Workflow for the Investigation of Crystallisation as a Separation Process for Biomanufacturing of rAAV-based Gene Therapies, Master Thesis, ETH Zurich and MIT, Cambridge MA, October 2020

- **Vignesh Ram Somnath:** Learning Graph Models for Template-Free Retrosynthesis, Master Thesis, ETH Zurich and MIT, Cambridge MA, 2021

- **Timo Schmid:** Influence of synoptic scale weather variability on ice speed-up events in Southwest Greenland, The University of British Columbia and ETHZ, May 2021

- **Jan Roman Seitz:** Getting into the Private Life of Lithium-Ion Batteries via Optical Sensing, Collège de France and ETHZ, August 2021

- **Antoine Spahr:** Label-Efficient Deep Semantic Segmentation of Intracranial Hemorrhages, Kunglia Tekniska Högskolan and EPFL, 2021

- **Anna Kuhn**: Interfacing a Prosthetic Hand to a Neuromorphic Chip, Master Thesis Hochschule Mannheim and ETH Zurich, 2021

- **Rebecca Neeser**: “Performance and Generalizability of Quantum Chemistry-Augmented Neural Networks for Reactivity Prediction”, ETH Zurich, MIT Cambridge, 2022

- **Ross Michael Straughan**: “A Fully Automated Platform to Enable 3-Dimensional Structure rural Simulations of Coronary Arteries Utilizing Optical Coherence Tomography”, ETH Zurich, MIT/Harvard Medical School, 2022

- **Eric Thalmann**: "Voluntary modulation of beta band oscillations for human augmentation", ETH Zurich, Imperial College London, 2022

- **Timo Schneider**:" Reaction Optimization, Kinetic Studies, and Photochemistry on a New Fully Automated High-Throughput Synthesis Platform", MIT, ETH Zurich, 2022

- **Emmanouil Angelidakis**: Impact of fibrinogen, fibrin and thrombin on cancer cell extravasation using in vitro microvascular networks, MIT, ETH Zurich. 2022

- **Emma Roussel**: A Novel Lumped Parameter Model to Assess Disease Severity in Mechanically Ventilated ARDS Subjects, Harvard Medical School, EPFL, 2022

- **Leon Gaugler:** Rational hydrogel design for enhanced vapor sorption kinetics, MIT, ETH Zurich, 2022

- **Darius Hoven**: Development of Interfaces for the Electrochemical Readout of Immunoassays, Eberhard-Karls University Tübingen, ETH Zurich, 2022

- **Jérome Jeannin**: Renforcement Learning for Under-Actued Current-Based Navigation, Berkeley University, ETH Zurich, 2022

- **Alexei Orekhov**: Two-Level System Defect Mitigation in Superconducting Quantum Processors, ETH Zurich, Chalmers University of Technology, 2022

- **Frederike Lübeck**: Neural Unbalanced Optimal Transport for Modeling Single-Cell Dynamics, Harvard University, ETH Zurich, 2022

- **Bharath Narayanan**: Image-based Mechanical Characterization of Atherosclerotic Plates - An Inverse Finite Element Approach, Harvard-MIT, EPFL, 2020

- **Ben Spöttling**: Automated Design and Discovery of Shape-Morphing Metamaterials, Harvard, ETHZ, 2022

- **Bertram Fuchs**: Automatic Dysregulation Episode Detection in SCI through Robust Feature Selection from Multi-Modal Wearable Sensing Data, ETHZ, TUM, 2023

- **Margot Plassard**: Assessment of the current and future state of biodiversity and coastal erosion in the context of a barrier reef construction in Denmark BARREEF project, EPFL, DTU, 2023

- **Manuel John Mekkattu**: Seeing Through Blood: An Infrared Laser Imaging Tool for Enhanced Visualisation During Vascular and Cardiac Surgery, Harvard Medical School/Brigham and Women's Hospital, ETHZ, 2023

- **Sandra Haltmeier**: Fully automatic AI-guided Assessment of Calcium Burden for Enhanced Outcome Prediction in Severe Aortic Stenosis Patients Undergoing Transcatheter Aortic Valve Replacement, Harvard Medical School/Brigham and Women's Hospital, ETHZ, 2023

- **Vincent Schorp**: Autonomous Surgical Suturing and Tail-Shortening using Deep Learning for Visual Feedback, UC Berkeley, ETHZ, 2023

- **Sanjay Schreiber**: Engineer Living Materials for Sustained Therapeutic Delivery, Harvard University, ETHZ, 2023

- **Brecht Pierreux**: Design and Demonstration of Autonomous Placement of Reflective Panels for In-Space Antenna Construction, Caltech, ETHZ, 2023

- **Deniz Tepe**: Privacy-preserving Distributed Framework for Load Pattern Recognition, ETHZ, TUM, 2023

- **Yunshu Ouyang**: Gene Regulatory Network-based Inference of Unseen Cellular Perturbations, MIT, ETHZ, 2023

- **Matthias Gilles Zeller**: Transformer-based Semantic Segmentation of Calcified Atherosclerotic Plaques in Intravascular Optical Coherence Tomography Images, MIT, EPFL, 2023

- **Nicolas Hoichen**: Safe Connectivity Maintenance for a Fleet of Underactuated Seaweed Farms in Dynamic Oceanic Environments, Berkeley, ETHZ, 2023

- **Janet van Der Graaf**: Development of Sensor-Integrated Linking Organs-on-Chip Device for Continuous Monitoring of Biological Response in a Cervix-Vagina in Vitro Model, Harvard University, EPFL, 2023

- **Nikhil Mahtani**: Macroporous Alginate Scaffolds for Tendon Tissue Engineering, Harvard, EPFL, 2023

- **Florian Solbach**: Computer-Aided Molecular Design of Safe and Sustainable Refrigerants, RWTH Aachen University, ETHZ, 2023

- **Nicolas Emmenegger**: A Numerical Methods View of Reinforcement Learning, MIT, ETH, 2023

- **Maximilian Winter**: 3D GAN Inversion for Human Faces Based on Typicality, ETHZ, TUM, 2023

- **Tejas Deshpand**e: Investigation of exciton dynamics in low-dimensional fluorinated metal-organic chalcogenolates with ultrafast spectroscopy methods", MIT, ETHZ, 2023

- **Joëlle Piot**: Metal-Organic Frameworks for Drug Delivery in Calcium Phosphate-based Cements, University of Sydney, EPFL, 2023

- **Yonglin Chen**: Multi-hundred-mW Deep-tissue Wireless Power Transfer for Ingestible Devices, Harvard, ETH, 2024

- **Ritika Gupta**: Unravelling Pain Nature Using Machine Learning Approaches, ETH, TUM, 2024

- **Marco Hövekenmeier**: Natural Gradient Variational Inference with Empirical Bayes, ETHZ, TUM, 2024

- **Alessandro Lucatelli**: Uncovering post-stroke brain reconfiguration through Longitudinal Functional Connectome Fingerprinting, POLIMI, EPFL, 2024

- **Eliane Ballmer:** Evaluating the Photoweathering of Bulk- and Microplastics Using Sequential Size Filtration with Total Carbon Analysis, MIT, ETHZ, 2024

- **Luis Gentner:** Reconstructing Pre-GRACE Terrestrial Water Storage Anomalies Using Deep Learning, ETHZ, Uni Stuttgart, 2024

3. DIGITAL HUMANITIES

ZKS/MINIARE

Our Digital Humanities fellowships generally don't result in a thesis, they are a contribution to a larger aggregate of texts with analytical and linguistic-artistic interpretation(s). In the case of the MINIARE project they resulted in a work (see underneath) by the main contributors to the project and can thus be mentioned as such, but all our fellows contributed and still contribute to this huge and admirable enterprise. If we have such publications again, we will list them in this rubric.

- **Dr. Stella Panayotova, Dr. Deirdre Jackson and Dr. Paola Ricciardi:** COLOUR, THE ART & SCIENCE OF ILLUMINATED MANUSCRIPTS, to accompany the exhibition COLOUR at the Fitzwilliam Museum July 30 to December 30, 2016, Harvey Miller Publishers, London, Turnhout in the framework of the MINIARE project

- **Dr. Stella Panayotova and Dr. Paola Ricciardi:** MANUSCRIPTS IN THE MAKING / ART & SCIENCE I AND II, Harvey Miller Publishers, London, in the framework with the ZKS/MINIARE fellowships

- **Dr. Stella Panayotova:** THE ART & SCIENCE OF ILLUMINATED MANUSCRIPTS – A HANDBOOK, Harvey Miller Publishers, London, 2020

ZKS/MINIARE Team:
Dr. Giulia Bertolotti, (2014) Dr. Lucia Pereira-Pardi (2014/15) Dr. Anna Mazzinghi (2018) Mila Gippa (2019), Dr. Flavia Fiorillo (2020) under the direction of Dr. Stella Panayotova and Dr. Paola Ricciardi.

Links to other Digital Humanities Projects:

ZKS/FRAGMENTARIUM: see http://www.fragmentarium.unifr.ch

ZKS/MIRABILE: see http://www.mirabileweb.it

ZKS/Durham: see https://www.dur.ac.uk/imems/research/funding/fellows/zks/

II. AWARDS/PRIZES

1. ZENO KARL SCHINDLER /EPFL AWARD

2011 – **Dr. Sivula Kevin**: Enabling materials for a new paradigm in solar energy conversion.

2012 – **Dr. Corsin Battaglia**: Light trapping for solar cells: towards higher efficiency with less material.

2013 – **Dr. Guillermo Barrenetxea**: Sensorscope: Application-Specific Sensor Network for Environmental Monitoring.

2014 – **Dr. Yuheng Wang**: Mobile uranium (IV)-bearing colloids in a mining-impacted wetland and geochemical controls on their formation.

2015 – **Dr. Endre Horváth**: Swoxid: Next generation filters for air- and water purifiers.

2016 – **Dr. Wolfgang Tress**: Developing and understanding third generation solar cells.

2017 – **Dr. Heather N. Bischell**: Eliminating barriers to sustainable sanitation through safe nutrient recovery from human urine.

2018 – **Dr. Ibrahim Dar**: Understanding the Structural, Morphological and Photophysical Properties of Materials for Their Application in Solar Cells.

2019 – **Dr. Alessandro F. Rotta Loria**: Multiphysical and multiscale interactions between the built environment and the shallow subsurface

2020 – **Dr. François Passalègue**: The nature of fluide induced Earthquakes.

2021 – **Dr. Jovana Milic**: Hybrid Supramolecular Materials for Renewable Energy Conversion in Photovoltaics

2022 – **Dr. Benjamin Kellenberge**: Interactive Machine Vision for Wildlife Conservation

2023 - non attributed

Link to EPFL Research Awards and prizes

https://www.epfl.ch/research/awards/epfl-research-awards/

2. ZENO KARL SCHINDLER SAGG PREIS

2006 – **Katharina Mertens Fleury** für ihre Freiburger Dissertation «Leiden lesen. Bedeutungen von compassio um 1200 und die Poetik des Mit-Leidens im <Parzival> Wolframs von Eschenbach» (erschienen 2006 bei de Gruyter als Bd. 21 der Reihe <Scrinium Friburgense>)

2007 – **Lucas Marco Gisi** für seine Berner Dissertation «Einbildungskraft und Mythologie. Die Verschränkung von Anthropologie und Geschichte im 18. Jahrhundert» (edition 2007 bei de Gruyter als Bd. 12 derReihe <Spectrum Literaturwissenschaft>)

2008 – **Prof. Dr. Walter Haug**, postum für sein Lebnswerk in der germanistichen Mediävistik

2009 – **PD Dr. Sabine Griese** und **Dr. Robert Schöller**

2010 – nicht verliehen

2011 – **Dr. Réjane Gay-Canton** für ihre Dissertation <entre dévotion et théologie scolastique. Réceptions de la contreverse médiévale autour de l'immaculée Conception en pays germaniques> (Diss. Genève 2008, erchienen 2001 bei Brepols als Bd. 11 der Reihe <Bibliothèque d'histoire culturelle du moyen âge>)

2012 – **PD Dr. Stefan Matter** für seine Freiburger Habilitationsschrift von 2011 <Reden von der Minne. Untersuchungen zu Spielformen literarischer Bildung zwischen verbaler undvisueller Vergegenwärtigung anhand von Minnereden und Minnebildern des deutschsprachigen Spätmittelalters>

2013 – **Dr. Magnus Wieland** (Schweizerisches Literaturarchiv) für seine Zürcher Dissertation <Vexierzüge. Jean Pauls Digressionspoetik> (Hannover 2013)

2014 – **Dr. Nicole Eichenberger** für ihre Freiburger Dissertation <Geistliches Erzählen. Zur deutschsprachigen religiösen Kleinepik des Mitterlalters> (erschienen Berlin u.a. 2015 als Bd. 136 der Reihe <Hermaea N.F.>)

2015 – **Prof. em. Dr. Dr. h.c. mult. Alois M. Hass** für sein reiches Lebenswerk und seine Verdienste für das Fach, insbesondere für die Mystikforschung

2016 – **Dr. Michael Dominik Hagel** für seine Neuenburger Dissertation <Fiktion und Praxis. Eine Wissensgeschichte der Utopie 1500-1800> (erschienen Göttingen 2016)

2017 – **Dr. des Richard F. Fasching** für seine Fribourger Dissertation <Die vierzig Myrrhebüschel vom Leiden Christi. Untersuchung, Überlieferung, Edition>

2018 – **PD Dr. Katrin Chlench-Priber** für Ihre Habilitationsschrift "Die Gebete Johanns von Neumarkt und die deutschsprachige Gebetbuchkultur des Spätmittelalters" (Bern 2017)

2019 – **Dr. Claudia Keller,** “Lebendiger Abglanz. Goethes Italien-Projekt als Kulturanalyse” (Wallstein Verlag, Göttingen 2018)

2020 – **Dr. Eva Locher** für ihre Dissertation “Kohärenz und Mehrdeutigkeit. Fallstudien zur Poetik mittelhoch-deutscher Sangspruchdichtung am Beispiel Rumelants von Sachsen” (verteidigt Univ. Zürich, 29/01/2020)

2021 – **Dr Stephan Lape**r für seine Dissertation Das ‚Briefbuch‘ der Strassburger Johanniterkommende Zum Grünen Wörth (Strassburg, Archives départementales du Bas-Rhin, Cod. H 2185). Untersuchungen und Edition (Scrinium Friburgense 53, Wiesbaden 2021)

2022 – **Dr. Cornelia Pierstorff** für ihre Dissertation «Ontologische Narratologie. Welterzählen bei Wilhelm Raabe“

2023 – **Dr. Laura Velte** für ihre Dissertation «Sepulkralsemiotik. Grabmal und Grabinschrift in der europäischen Literatur des Mittelalters»

Preisträgerinnen und Preisträger Kopie der Seite:
https://www.sagg.ch/nachwuchs/zeno-karl-schindler-preis/

3. CLAUDIO LEONARDI FELLOWSHIP OF THE KARL SCHINDLER DOUNDATION FOR MEDIEVAL LATIN STUDIES

2012 - **Alice Hutton Sharp** « Les sources du commentaire de la Genèse dans la “Glosa ordinaria” »

2013 - **Annalisa Marchisio** «The Preparation of 1st Critical Edition of Frà Odorico da Pordenone’s “Relatio”»

2014 - **Gionata Brusa** «Il repertorio medievale delle sequenze tramandate dalle fonti del Sud Tirolo e il suo rapporto con la tradizione austriaca e della Germania del Sud»

2015 - **Riccardo Macchioro** «The Hagiographic translations from Greek to Latin of the manuscript Turin, National University Library F.III.16»

2016 - **Dr. Robin Wahlsten Böckermann** «The Metamorphoses of Education: Ovid in the 12th Century school room. A critical edition, translation and analysis of the earliest known commentary on Ovid’s Metamorphoses»

2017 - **Dott.ssa Marina Giani** «Le opere di Agostino di Ippona e il Liber Glossarum. Studio delle glosse agostiniane incluse nel Liber Glossarum: analisi delle fonti, del metodo di composizione e saggio di edizione critica»

2018 - **Benjamin Wheaton** «Venantius Fortunatus and Christian Theology in Late Sixth Century in Gaul»

2019 - **Ilaria Morresi** «Les rédactions interpolées des Institutiones de Cassiodore»

2020 - **Joel Varela Rodriguez** «The reception of Taio of Zaragoza in Latin Middle Ages»

2021 - **Adriano Russo** «A new critical Edition of the Carmina of Paul the Deacon»

2022 - **Serena Mauriello** «Ricerche concernenti l’opera “Summa de arte praedicatoria” de Alain de Lille»

2023 - **Joel Varela Rodriguez** «Taionis Caesaraugustani EP. Excerpta Sancti Gregori QUae Supersunt Opera Dubia», SISMEL -Ed; del Galluzzo, 2023

Update July 29, 2024