

Prof. Dr. sc. nat. Christoph Weder

Publications January 1, 2025

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Peer-Reviewed Papers

341. Hu, X.; Pollice, L.; Ronchi, A.; Rocanova, M.; Mauri, M.; Lardani, D.; Vanhecke, D.; Monguzzi, A.; Weder, C.; Confinement-enhanced multi-wavelength photon upconversion based on triplet-triplet annihilation in nanostructured glassy polymers; *Adv. Sci., In Press*.
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339. Onori I.; Formon, G.J.M.; Weder, C.; Berrocal, J.A.; Toughening Healable Supramolecular Double Polymer Networks; *Chemistry – A European Journal* **2024**, e202402511. DOI: 10.1002/chem.202402511
338. Escher, A.; Bravetti, G.; Bertucci, S.; Comoretto, D.; Weder, C.; Steiner, U.; Dodero, A.; Crafting Nanostructured Hybrid Block Copolymer-Gold Nanoparticles by Confined Self-Assembly in Evaporative Droplets; *ACS Macro Letters* **2024**, *13*, 1338-1344. DOI: 10.1021/acsmacrolett.4c0051
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332. Thazhathethil, S.; Salim, F.Z.; Scarlat, I.; Clough, J.; Weder, C.; Sagara, Y.; Ring-Size Dependent Ratiometric Photoluminescence of Cyclophane Mechanophores; *J. Mater. Chem. C.* **2024**, *12*, 6170-6176. DOI: 10.1039/D4TC00244J
331. Onori I.; Berrocal, J.A.; Weder, C.; Double polymer networks comprising covalent and hydrogen-bonded cross-links; *Polymer* **2024**, *298*, 126886. DOI: 10.1016/j.polymer.2024.126886
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- P6. Baer, E.; Hiltner, P.A.; Weder, C.; Photo-Patternable Nanomaterials; US Patent Application **20040175656** (filed March 1, 2004, abandoned) (to Case Western Reserve University).
- P5. Löwe, C.; Weder, C.; Color Tunable Photoluminescent Blends; **US Patent 7,223,988 (2007)** (to Case Western Reserve University).
- P4. Weder, C; Smith, P.; Process For Forming Photoluminescent Polarizers; **European Patent 1,230,318 (2006)** (to Landqart).
- P3. Weder, C; Smith, P.; Antifalsification Paper and other Antifalsification Items; **European Patent 1,115,949 (2003)**, **Australian Patent 754,452 (2003)**, **European Patent 1,233,106 (2004)**, **US Patent 7,108,286 (2007)** (to Landqart).
- P2. Weder, C.; Bastiaansen, C.; Montali, A.; Smith, P.; Efficient Photoluminescent Polarizers, Process for Forming, and Application in Display Devices; **US Patent 6,594,062 (2003)**, **European Patent 1,051,646 (2004)** (to Landqart).
- P1. Weder, C.; Sarwa, C.; Bastiaansen, C.; Smith, P.; Photoluminescent Display Devices having a Photoluminescent Layer with a high Degree of Polarization in its Absorption, and methods for making the Same; **US Patent 6,891,583 (2005)** (to Landqart).

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1. Lang, F.R.; Franzreb, K.; Pitton, Y.; Xanthopoulos, N.; Landolt, D.; Mathieu, H.J.; Döbler, M.; Weder, C.; Neuenschwander, P.; Suter, U.W.; Investigation of a NLO-Polymer by XPS and TOF-SIMS; *Proc. 6th Europ. Conf. on Application of Surface and Interface Analysis*, October 9th - 13th **1995**, Montreux, Switzerland.

Lectures and Seminars

Invited (274 total):

- “Supramolecular Polymer Networks”
Plenary Lecture, Int. Symp. on Stimuli-Responsive Materials, October 2, 2024; Windsor CA (USA)
- “Mechanochromic Polymers Based on Supramolecular Motifs”
Mini Symposium on Dynamic Polymers, Tsinghua University, September 2, 2024; Beijing (CN)
- “Supramolecular Polymer Networks”
Plenary Lecture, International Symposium on Dynamic Polymer Networks, September 26, 2024; Changchun (CN)
- “Stimuli-Responsive Polymers Based on Supramolecular Designs”
Plenary Lecture, 6th Hangzhou International Polymer Forum (HIPF2024), September 23, 2024; Hangzhou (CN)
- “Stimuli-Responsive Polymers Based on Supramolecular Designs”
Shaping the Future of Multifunctional Materials and Structures - A symposium in Honor of Dr. ‘Les’ Lee, September 19, 2024; Johns Hopkins University, Baltimore (USA)
- “Mechanochromic Polymers Based on Supramolecular Motifs”
Keynote Lecture, GRC Multiscale Mechanochemistry and Mechanobiology, July 21, 2024; Bates College, Lewiston ME (USA)
- “Supramolecular Approaches to Detect and Heal Defects in Polymeric Materials”
Keynote Lecture, IPPS 50, July 2, 2024; Tel Aviv (IL) (remote)
- “Supramolecular Approaches to Detect and Heal Defects in Polymeric Materials”
Keynote Lecture, Macromolecular Chemistry and Soft Matter Connects Symposium; June 13, 2024; Aachen (DE)
- “Supramolecular Approaches to Detect and Heal Defects in Polymeric Materials”
Seminar, Department of Chemistry, University of Basel; May 24, 2024; Basel (CH)
- “Upconversion in nanophase separated polymer systems”
Seminar, Chulalongkorn University, January 10, 2024; Bangkok (TH)
- “Supramolecular Approaches to Detect and Heal Defects in Polymeric Materials”
EMPA PhD Symposium; November 28, 2023; Dübendorf (CH)
- “Bio-Inspired Membranes”
International Forum on “Autonomic Multifunctional Structures”; UCLA; October 25, 2023; Los Angeles (USA)
- “Supramolecular Approaches to Detect and Heal Defects in Polymeric Materials”
Seminar, Dept. of Chemistry, CWRU; October 17, 2023; Cleveland (USA)
- “Bio-Inspired, Adaptive Polymer Systems”
Los Alamos National Laboratory Physics/Theory Colloquium, August 17, 2023; Los Alamos (USA)
- “Mechanochromic Polymers Based on Interacting Dye Pairs”
American Chemical Society National Fall Meeting, August 12, 2023; San Francisco (USA)
- “Supramolecular Approaches to Detect and Heal Defects in Polymeric Materials”
Frontiers in Polymer Science, May 30, 2023; Gothenburg (SE)
- “Supramolecular Polymer Networks”
Europolymer Conference (EUPOC), May 18, 2023; Bertinoro (IT)
- “Functional Materials Based on Cellulose Nanocrystals”
Anselme Payen Award Lecture, American Chemical Society National Spring Meeting, March 28, 2023; Indianapolis (USA)
- “Bio-inspired Soft Robots”
livMatS Symposium, March 21, 2023; Freiburg (DE) (remote)
- “Mechanochromic Polymers”
Seminar, Chulalongkorn University, March 6, 2023; Bangkok (TH) (remote)
- “Stimuli-responsive Polymers Based on Supramolecular Designs”
Avery Dennison Global Scientific Talk, March 1, 2023; Remote

“Stimuli-responsive Polymers Based on Supramolecular Designs”
Award Lecture, Annual Meeting of the Belgian Polymer Group, November 15, 2022; Blankenberge (BE)

“Mechanochromic Polymers Based on Supramolecular Mechanophores”
Plenary Lecture, 1st Int. Symp. of Precision Polymer Chemistry for Functional Materials, November 3, 2022 (China, Virtual)

“Mechanochromic Polymers made with Supramolecular Mechanophores”
Plenary Lecture, Int. Symp. on Stimuli-Responsive Materials, October 23, 22; Windsor CA (USA)

“Detecting and healing mechanical defects in polymeric materials”
Seminar, Dept. of Chemistry, Washington State University, October 18, 2022; Seattle (USA)

“Upconversion in nanophase separated polymer systems”
ISFP2, October 11, 2022; Milan (IT)

“Asymmetric water transport in compositionally graded membranes”
Next Generation Membranes, Chulalongkorn University, September 29, 2022; Bangkok (TH)

“Mechanochromic Polymers based on Supramolecular Mechanophores”
Bordeaux Polymer Congress, June 16, 2022; Bordeaux (F)

“(Bio-Inspired) Stimuli-Responsive Materials”
Seminar, Dept. of Organic and Macromol. Chemistry, Ghent University, May 16, 2022; Ghent (BE)

“Molecular stress and strain sensors for polymers”
18th International DYFP Conference, April 13, 2022; Rolduc Abbey, Kerkrade (NL) (remote)

“Asymmetric water transport in leaf cuticles and cuticle-inspired membranes”
American Chemical Society National Spring Meeting, March 22, 2022; San Diego CA (USA)

“(Bio-Inspired) Stimuli-Responsive Materials”
Seminar, Dept. of Chem. & Biol. Eng., Univ. of British Columbia, March 18, 2022; Vancouver (CA)

“Bio-Based, Bio-Inspired Nanocomposites”
Macromolecular Colloquium Freiburg 2022, February 25, 2022; Freiburg (Germany) (remote)

“Mechanically Morphing Polymers”
Seminar, PPC, Chulalongkorn University, February 14, 2022; Bangkok (TH) (remote)

“(Bio-Inspired) Stimuli-Responsive Materials”
Seminar, Dept. of Materials Science, University of Milano-Bicocca, January 20, 2022; Milano (IT)

“(Bio-Inspired) Stimuli-Responsive Materials”
Seminar, School of Chemistry, University of Bristol, January 19, 2022; Bristol (UK) (remote)

“Nanophase separated upconverting polymer systems”
PACIFICHEM 2020/2021, December 21, 2021; Honolulu (USA) (remote)

“Mechanoresponsive polymers based on supramolecular mechanophores”
PACIFICHEM 2020/2021, December 18, 2021; Honolulu (USA) (remote)

“Stimuli-responsive metallosupramolecular polymer networks”
PACIFICHEM 2020/2021, December 17, 2021; Honolulu (USA) (remote)

“Functional Polymers”
Research & Industry Day, UniFR/HEIA-FR September 16, 2021; Fribourg.

“Functional Polymers”
Common Research Day, UniFR/HEIA-FR September 15, 2021; Fribourg.

“Stimuli-Responsive Metallosupramolecular Polymer Networks”
American Chemical Society National Fall Meeting, August 22, 2021 (remote)

“Asymmetric water transport in leaf cuticles and cuticle-inspired compositionally graded membranes”
Geneva Colloids, April 9, 2021; Geneva (remote)

“Mechanochromic polymers based on supramolecular mechanophores”
American Chemical Society National Meeting, April 5, 2021 (remote)

“Bio-Inspired Polymer Systems”
Seminar, PPC, Chulalongkorn University, March 8, 2021; Bangkok (TH) (remote)

“New Polymers to Sense and Create Mechanical Action”
NTN Innovative Surfaces Workshop, November 24, 2020; Brugg (remote)

“Mechanochemistry with Supramolecular Polymers”
Plenary Lecture, PPC & PETROMAT Symposium 2020, July 23, 2020; Bangkok (TH) (remote)

“Stimuli-Responsive Supramolecular Polymers”
Macromolecular Colloquium Freiburg 2020, February 27, 2020; Freiburg (DE)

“Stimuli-Responsive Polymer Systems”
16th Pacific Polymer Congress, December 10, 2019; Singapore (SG)

“Stimuli-Responsive Polymer Systems”
20th RIES Symposium, University of Hokkaido, December 3, 2019; Sapporo (JP)

“Mechanochromic Polymers made with Supramolecular Mechanophores”
Covestro Distinguished Lecture, Texas A&M University, October 18, 2019; College Station TX (USA)

“Stimuli-Responsive Polymer Systems”
Covestro Distinguished Lecture, Texas A&M University, October 17, 2019; College Station TX (USA)

“Stimuli-Responsive Supramolecular Polymers”
Seminar, Department of Chemistry, University of Geneva, June 19, 2019; Geneva

“New Shape-Memory Polymers”
Keynote, Swiss Plastics Cluster, General Assembly, University of Fribourg, April 11, 2019; Fribourg

“Stimuli-responsive supramolecular polymers”
Seminar, BASF, April 9, 2019; Ludwigshafen (DE)

“Mechanically adaptive and adapting polymer systems”
257th American Chemical Society National Meeting, April 3, 2019; Orlando FL (USA)

“Stimuli-responsive supramolecular polymers”
Seminar, PPC, Chulalongkorn University, January 23, 2019; Bangkok (TH)

“Steering the Properties of Stimuli-Responsive Supramolecular Polymer Networks to new Territories”
ICAPPP 2018, December 20, 2018; Bangkok (TH)

“Stimuli-responsive supramolecular polymers”
Seminar, Department of Chemistry, University of Basel, December 5, 2018; Basel

“Stimuli-responsive non-covalent polymer networks”
International Symposium on Functional Soft Material, November 28, 2018; Tianjin (CN)

“Stimuli-responsive supramolecular polymers”
Seminar, Tsinghua University, November 27, 2018; Beijing (CN)

“Stimuli-responsive supramolecular polymers”
Materials Science Seminar Series, Clemson University, October 25, 2018; Clemson SC (USA)

“Mechanochromic Polymers made with Supramolecular Mechanophores”
Plenary Lecture, Int. Symp. on Stimuli-Responsive Materials, October 23, 2018; Windsor CA (USA)

“Stimuli-responsive supramolecular polymers”
EPFL Materials - IMX Seminar Series, September 24, 2018; Lausanne

“Stimuli-responsive non-covalent polymer networks”
256th American Chemical Society National Meeting, August 20, 2018; Boston MA (USA)

“Our Latest Stuff - Stimuli-responsive supramolecular polymers”
Seminar, Dpt. of Macromol. Science & Engineering, CWRU, June 11, 2018; Cleveland OH (USA)

“Bio-inspired stimuli-responsive materials”
SSB & RM Annual Meeting, June 6, 2018; Fribourg

“Polymer mechanochemistry with supramolecular mechanophores”
ICOPS 2018, April 7, 2018; Guangzhou (CN)

“Stimuli-responsive supramolecular polymers”
Seminar Dpt. of Chemistry, Hong Kong University of Sci. and Tech. April 4, 2018; Hong Kong (HK)

“Stimuli-responsive supramolecular polymer networks”

255th American Chemical Society National Meeting, March 21, 2018; New Orleans LA (USA)
 “Mechanics of Polymers with Supramolecular Cross-Links”
 255th American Chemical Society National Meeting, March 18, 2018; New Orleans LA (USA)
 “Shape-Memory Polymers”
 Covestro AG, December 12, 2017; Leverkusen (DE)
 “Stimuli-Responsive Supramolecular Polymers”
 GDCh-Kolloquium, University des Saarlandes, December 11, 2017; Saarbrücken (DE)
 “Stimuli-Responsive Supramolecular Polymer Systems”
 Polymat Symposium, University of the Basque Country, December 1, 2017; San Sebastian (ES)
 “Stimuli-Responsive Supramolecular Polymer Systems”
 Seminar, Sherwin-Williams, November 16, 2017; Cleveland OH (USA)
 “Stimuli-Responsive Supramolecular Polymer Materials”
 Swiss Conference on Supramolecular Polymers, November 6, 2017; Fribourg
 “Create, study and apply (stimuli-responsive) polymers with new functions”
 PlaMatSu Annual Meeting, September 29, 2017; Fribourg
 “Stimuli-Responsive Supramolecular Polymer Systems”
 SMYLE Symposium, September 28, 2017; Besancon (FR)
 “Polymer nanocomposites with cellulose nanocrystals”
 254st American Chemical Society National Meeting, August 22, 2017; Washington DC (USA)
 “Polymer Mechanochemistry with Supramolecular Mechanophores”
 254st American Chemical Society National Meeting, August 21, 2017; Washington DC (USA)
 “Healable Supramolecular Polymers”
 Plenary Lecture, 6th Int. Conference on Self-Healing Materials, June 28, 2017; Friedrichshafen (DE)
 “Stimuli-Responsive Supramolecular Polymer Systems”
 Seminar, Inst. for Molecular Engineering, University of Chicago, March 30, 2017; Chicago IL (USA)
 “Stimuli-Responsive Supramolecular Polymer Systems”
 Solvay Seminar, Macromol. Innovation Inst., Virginia Tech, March 29, 2017; Blacksburg VA (USA)
 “Polymer Nanocomposites for Biomedical Uses”
 Seminar, Department of Medicine Research Day, University of Fribourg, March 15, 2017; Fribourg
 “Polymer Composites with Cellulose Nanocrystals”
 Frontiers in Green Materials Meeting, December 12, 2016; London (UK)
 “Bio-Inspired, Mechanically Adaptive and Adapting Polymer Systems”
 MRS Fall Meeting, November 29, 2016; Boston MA (USA)
 “Stimuli-Responsive Supramolecular Polymers”
 Plenary Lecture, Int. Symp. on Stimuli-Responsive Materials, October 25, 2016; Santa Rosa CA (USA)
 “Stimuli-Responsive Supramolecular Polymers”
 GdCH Seminar, Universität Potsdam, June 20, 2016; Golm (DE)
 “Functional Materials Made with Cellulose Nanocrystals”
 Keynote, Int. Conf. Nanotech. for Renewable Materials (TAPPI Nano), June 15, 2016; Grenoble (FR)
 “Bio-Inspired, Mechanically Adaptive and Responsive Polymer Systems”
 GRC Bio-Inspired materials, June 9, 2016; Les Diablerets
 “Stimuli-Responsive Supramolecular Polymers”
 251st American Chemical Society National Meeting, March 14, 2016; San Diego CA (USA)
 “Low-power photon upconversion through triplet-triplet annihilation in nanostructured polymers”
 251st American Chemical Society National Meeting, March 13, 2016; San Diego CA (USA)
 “Bio-inspired nanocomposites for biomedical applications”
 Seminar, EMPA St. Gallen, January 18, 2016; St. Gallen
 “Mechanically Adaptive Nanocomposites for Biomedical Applications”
 Pacifichem 2015, December 19, 2015; Honolulu HI (USA)
 “Low-power photon upconversion through triplet-triplet annihilation in polymeric materials”

Pacifichem 2015, December 15, 2015; Honolulu HI (USA)
“Stimuli-Responsive Metallosupramolecular Polymers”
Pacifichem 2015, December 15, 2015; Honolulu HI (USA)
“Stimuli-Responsive Materials Made with Cellulose Nanocrystals”
Plenary Lecture, Int. Symp. on Stimuli-Responsive Materials, October 26, 2015; Santa Rosa CA (USA)
“Stimuli-Responsive Supramolecular Polymers”
Pirelli SA, October 22, 2015; Milan (IT)
“High-Added-Value Materials with Cellulose Nanocrystals”
BEPS 2015, October 12, 2015; Karlsruhe (DE)
“Stimuli-Responsive Supramolecular Polymers”
Seminar, PPC, Chulalongkorn University, June 12, 2015; Bangkok (TH)
“Stimuli-Responsive Supramolecular Polymers”
Seminar, Department of Chemistry, Chulalongkorn University, June 10, 2015; Bangkok (TH)
“Bio-Inspired Materials based on Cellulose Nanocrystals”
Swiss Nanoconvention, May 28, 2015; Neuchatel
“Stimuli-Responsive Supramolecular Polymers”
Seminar, BASF, May 13, 2015; Ludwigshafen (DE)
“Processing and Properties of Polymer Nanocomposites with Cellulose Nanocrystals”
American Chemical Society National Spring Meeting, April 25, 2015; Denver CO (USA)
“High-Added-Value Materials with Cellulose Nanocrystals”
American Chemical Society National Spring Meeting, April 24, 2015; Denver CO (USA)
“Stimuli-Responsive Hydrogen-Bonded Supramolecular Polymers”
Plenary Lecture, Int. Symp. on Stimuli-Responsive Materials, October 27, 2014; Santa Rosa CA (USA)
2nd Biomimicry Europe Innovation and Finance Summit”
September 4, 2014; Zürich
“Mechanically (And Other) Responsive Polymers”
ERC Grantees Conference, August 28, 2014; Berlin (DE)
“Stimuli-Responsive Hydrogen-Bonded Supramolecular Polymers”
American Chemical Society National Fall Meeting, August 12, 2014; San Francisco CA (USA)
“Stimuli-Responsive Metallosupramolecular Polymers”
American Chemical Society National Fall Meeting, August 11, 2014; San Francisco CA (USA)
“Stimuli-Responsive (Metallo)Supramolecular Polymers”
MACRO 2014, July 10, 2014, Chiang Mai (TH)
“Polymere Nanoverbundwerkstoffe mit Zellulose Nanofasern”
6. Wädenswiler Chemietag, June 26, 2014; Wädenswil,
“Hydrogen-Bonded Stimuli-Responsive Supramolecular Polymers”
PolyColl Meeting, June 20, 2014; Dübendorf
“Hydrogen-Bonded Stimuli-Responsive Supramolecular Polymers”
Seminar, PPC, Chulalongkorn University, May 20, 2014; Bangkok (TH)
“Stimuli-Responsive Metallosupramolecular Polymers”
Makromolekulares Kolloquium Freiburg, February 27, 2014; Freiburg (DE)
“Stimuli-Responsive (Metallo)Supramolecular Polymers”
Seminar, Department of Chemistry, University of Liverpool, January 29, 2014; Liverpool (UK)
“Stimuli-Responsive Metallosupramolecular Polymers”
Seminar, University of Mons, November 28, 2013; Mons (BE)
“Stimuli-Responsive Metallosupramolecular Polymers”
Seminar, Institute of Inorganic Chemistry, University of Zürich, November 1, 2013; Zürich
“Stimuli-Responsive Metallosupramolecular Polymers”
Plenary Lecture, Int. Symp. on Stimuli-Responsive Materials, October 20, 2013; Santa Rosa CA (USA)
“Bio-Inspired, Stimuli-Responsive, Mechanically Adaptive Polymer Nanocomposites”

Swiss-Japanese Workshop “Nanoscience”, October 11, 2013; Tsukuba (JP)

“Stimuli-Responsive Supramolecular Polymers”
2nd Precision Polymer Materials (P2M) Conference, August 27, 2013; Ghent (BE)

“Exploiting Non-Covalent Interactions for the Design of Stimuli-Responsive Polymers”
IRTG Seminar, University of Freiburg, June 26, 2013; Freiburg (DE)

“Healing Polymers with Light and other Stimuli”
Seminar, PPC, Chulalongkorn University, May 20, 2013; Bangkok (TH)

“Stimuli-Responsive Polymers based on Noncovalent Interactions”
Seminar, Jiao Tong University, May 8, 2013; Shanghai (CN)

“Stimuli-Responsive Polymers based on Noncovalent Interactions”
48th Bürgenstock Conference, May 2, 2013; Brunnen

“Mechanically Adaptive Nanocomposites”
American Chemical Society National Spring Meeting, April 9, 2013; New Orleans LA (USA)

“From Light-Polarizing Films to Mechano-Healable Polymers”
American Chemical Society National Spring Meeting, April 8, 2013; New Orleans LA (USA)

“Bio-Inspired, Stimuli-Responsive, Mechanically Adaptive Polymers for Cortical Electrodes”
MRS Spring Meeting 2013, April 3, 2013; San Francisco CA, (USA)

“Exploiting Non-Covalent Interactions for the Design of Stimuli-Responsive Polymers”
GDCh Seminar, University of Bayreuth, January 24, 2013; Bayreuth (DE)

“Exploiting Non-Covalent Interactions for the Design of Stimuli-Responsive Polymers”
Seminar, Nolax AG, January 14, 2013; Sempach

“Stimuli-Responsive Polymers based on Noncovalent Interactions”
IPC 2012, December 11-14, 2012; Kobe (JP)

“Exploiting Supramolecular Interactions for the Design of Functional Polymers”
Seminar, Waseda University, Department of Chemistry, December 10, 2012; Tokyo (JP)

“Bio-Inspired, Stimuli-Responsive, Mechanically Adaptive Polymer Nanocomposites”
Plenary Lecture, GFP Grenoble, November 19-22, 2012; Grenoble (FR)

“Mechanically Adaptive Polymer Nanocomposites”
Jülich Soft Matter Days, November 14-16, 2012; Jülich (DE)

“Stimuli-Responsive Polymers Based on Non-Covalent Interactions”
DPI Annual Meeting, November 13, 2012; Zeist (NL)

“Exploiting Noncovalent Interactions for the Design of Stimuli-Responsive Polymers”
Seminar, Henkel, European Scientific Advisory Board Meeting, October 15, 2012; Düsseldorf (DE)

“Mechanically Adaptive Polymer Nanocomposites for Biomedical Applications”
Plenary Lecture, Biannual Meeting GDCh Div. Macromol. Chem., October 7-9, 2012; Mainz (DE)

“Stimuli-Responsive Polymers Based on Non-Covalent Interactions”
BASF Research Seminar, September 23-26, 2012; St. Martin (DE)

“Nanocomposites with Cellulose Nanocrystals”
SAMPE SETEC 2012, September 19 2012; Lucerne

“Polymer Nanocomposites with Cellulose Nanocrystals”
IUPAC World Polymer Congress, June 25, 2012; Blacksburg VA (USA)

“Exploiting Noncovalent Interactions for the Design of Stimuli-Responsive Polymers”
IUPAC World Polymer Congress, June 25, 2012; Blacksburg VA (USA)

“Exploiting Noncovalent Interactions for the Design of Functional Polymers”
Seminar, University of Pisa, June 15, 2012; Pisa (IT)

“Mechanically Adaptive Polymer Nanocomposites for Biomedical Implants and Other Applications”
CIMTEC 2012, June 14, 2012; Montecatini (IT)

“Polymer Nanomaterials with Unusual Optical Properties”
Seminar, Seminar, PPC, Chulalongkorn University, May 24, 2012; Bangkok, Thailand

“Bio-Inspired, Mechanically Adaptive Nanocomposites for Biomedical Implants”

American Chemical Society National Spring Meeting, March 25-29, 2012; San Diego CA (USA)
 “Controlling the Properties of Mechanically Adaptive Polymer/Nanocellulose Composites”
 American Chemical Society National Spring Meeting, March 25-29, 2012; San Diego CA (USA)
 “Noncovalent Interactions as a Design Tool for Smart Polymers”
 Seminar, Technical University of Eindhoven, November 23, 2011; Eindhoven (NL)
 “Bio-Inspired, Mechanically Adaptive Nanocomposites”
 Plenary Lecture, Int. Symp. Stimuli-Responsive Materials, October 25, 2013; Hattiesburg MS (USA)
 “Polymer Nanocomposites with Cellulose Nanocrystals”
 American Chemical Society National Fall Meeting, September 1, 2011; Denver CO (USA)
 “Optically Responsive Metal-Containing Polymers”
 American Chemical Society National Fall Meeting, August 29, 2011; Denver CO (USA)
 “Noncovalent Interactions as a Design Tool for Functional Polymers”
 Gordon Research Conference Polymers, June 12, 2011; South Hadley MA (USA)
 “Noncovalent Interactions as a Design Tool for Functional Polymers”
 Keynote Lecture 60th SPSJ Meeting, May 26, 2011; Osaka (JP)
 “Stimuli-Responsive Nanomaterials with Functional Organic Dyes”
 Seminar, University of Tokyo, Dept. of Chemistry; May 24, 2011; Tokyo (JP)
 “Supramolecular Interactions as a Design Tool for Functional Polymers”
 Seminar, PPC, Chulalongkorn University, May 16, 2011; Bangkok (TH)
 “Exploiting Supramolecular Interactions for the Design of Smart Polymers”
 Jahrestagung Ehemaliger Chemie- und Biochemiestudenten; May 7, 2011; Fribourg
 “Exploiting Noncovalent Interactions for the Design of Functional Polymers”
 PolyColl 2011; April 29, 2011; Geneva
 “Bio-inspired mechanically-adaptive polymer/cellulose nanofiber nanocomposites”
 American Chemical Society National Spring Meeting; March 28, 2011; Los Angeles CA (USA)
 “Funktionelle Polymere und Nanocomposite”
 Swiss Engineering, Fachgruppe Kunststofftechnik, March 22, 2011, Fribourg
 “Bio-inspired, mechanically adaptive polymer nanocomposites”
 Makromolekulares Kolloquium Freiburg, February 25, 2011, Freiburg (DE)
 “How to teach polymers new tricks”
 Micronarc Industrial Forum, November 10, 2010, Fribourg
 “Stimuli-Responsive Nanomaterials through Integration of Dyes into Nanostructured Environments”
 Plenary Lecture, Int. Symp. Stimuli-Responsive Materials, October 25, 2010; Hattiesburg MS (USA)
 “Bio-inspired mechanically-adaptive polymer/cellulose nanocomposites”
 BiMaC Innovation, KTH Stockholm, September 26, 2010, Stockholm (SE)
 “New Functional Polymers”
 Seminar, Sika AG; September 14, 2010, Zürich
 “Bio-inspired mechanically-adaptive polymer/cellulose nanocomposites”
 TechConnect World, June 22, 2010, Anaheim CA (USA)
 “Current Trends in Polymer-Based Nanomaterials”
 Seminar, Firmenich; June 14, 2010; Geneva
 “Bio-Inspired Mechanically-Adaptive Nanocomposites”
 Seminar, PPC, Chulalongkorn University, May 17, 2010; Bangkok (TH)
 “Polymer Nanomaterials for Biomedical Applications”
 Seminar, Kantonsspital Fribourg; May 6, 2010; Fribourg
 “Current Trends in Polymer-Based Nanomaterials”
 Seminar, BASF; April 8, 2010; Ludwigshafen, Germany
 “Bio-Inspired Mechanically-Adaptive Nanocomposites”
 American Chemical Society National Spring Meeting; March 22, 2010; San Francisco CA (USA)

“Funktionelle Polymere für Biomedizinische Anwendungen”
 Swiss Plastics 2010; January 19, 2010; Luzern

“Functional Polymer Blends and Nanocomposites”
 Keynote Lecture, Assemblée Generale Réseau Plasturgie, November 18, 2009; Fribourg

“Mechanically Adaptive Polymer Nanocomposites”
 Seminar, University of Marburg; November 16, 2009; Marburg, (DE)

“Mechanically Adaptive Polymer Nanocomposites”
 Keynote Lecture, Bayer MaterialScience Symposium 2009; November 6, 2009; Pittsburg PA (USA)

“Polymer Chameleons”
 Plenary Lecture, Int. Symp. Stimuli-Responsive Materials, October 28, 2009; Hattiesburg MS (USA)

“Mechanically Adaptive Polymer Nanocomposites”
 CSEM; September 18, 2009; Neuchatel

“Mechanically Adaptive Polymer Nanocomposites”
 Trends in Nanotechnology TNT 2009; September 10, 2009; Barcelona (ES)

“Supramolecular Metallopolymers”
 Seminar, PPC, Chulalongkorn University, May 20, 2009; Bangkok (TH)

“Temperature and Deformation Sensors for Polymer Films”
 TAPPI Place Symp. on Nanomaterials for Flexible Packaging, April 30, 2009; Columbus OH (USA)

“Mechanically-Dynamic Polymer Nanocomposites”
 American Chemical Society National Spring Meeting; March 25, 2009; Salt Lake City UT (USA)

“Cellulose-Polymer Nanocomposites: Processing Self-Assembled Templates”
 American Chemical Society National Spring Meeting; March 25, 2009; Salt Lake City UT (USA)

“Mechanically-Dynamic Polymer Nanocomposites”
 Smart Coatings 2009, February 25-27, 2009; Orlando FL (USA)

“Mechanically-Dynamic Polymer Nanocomposites”
 Seminar, University of Akron, Dept. of Polymer Engineering, February 6, 2009; Akron OH (USA)

“Noncovalent Interactions as a Design Tool for Functional Polymers”
 Seminar, Dept. of Polym. Sci., U. Southern Mississippi, January 29, 2009; Hattiesburg MS (USA)

“Stimuli-Responsive Polymer Nanocomposites”
 Université de Fribourg, November 13, 2008; Fribourg

“Stimuli-Responsive Polymer Nanocomposites”
 Plenary Lecture, Int. Symp. Stimuli-Responsive Materials, November 28, 2008; Hattiesburg MS (USA)

“Stimuli-Responsive Epoxy Coatings”
 Seminar, Alcoa Technical Center, July 2, 2008; Pittsburgh PA (USA)

“Excimer-Forming Fluorescent Dyes as Sensors”
 Seminar, PPC, Chulalongkorn University, May 16, 2008; Bangkok (TH)

“Excimer-Forming Fluorescent Dyes as Sensors”
 American Chemical Society National Spring Meeting, April 6 – 10, 2008; New Orleans LA (USA)

“Stimuli-Responsive Polymer Nanocomposites”
 IIMM3, March 27, 2008; Santa Rosa, CA (USA)

“Noncovalent Interactions as a Design Tool for Functional Polymers”
 Seminar, Dept. of Chemistry, University of Tokyo, December 14, 2007; Tokyo (JP)

“Metallosupramolecular Conjugated Polymers”
 3rd Int. Symp. on Chemistry of Coordination Space, December 9-12, 2007; Awaji, Hyogo (JP)

“Noncovalent Interactions as a Design Tool for Functional Polymers”
 Seminar, Dept. of Chemistry, Princeton University, November 29, 2007; Princeton NJ (USA)

“Cellulose-Based Nanocomposites”
 Composites at Lake Louise; October 28 – November 2, 2007; Lake Louise (CA)

“Stimuli-Responsive Photoluminescent Polymer Blends”
 Seminar, Valspar, October 18, 2007; Pittsburgh PA (USA)

“Stimuli-Responsive Photoluminescent Polymer Blends”
MAF 10, September 9 – 12, 2007; Salzburg (AT)

“Nanocomposites based on conjugated polymers and rodlike nanoparticles”
American Chemical Society National Fall Meeting, August 19 – 23, 2007; Boston MA (USA)

“Metallo-supramolecular Conjugated Polymers”
American Chemical Society National Fall Meeting, August 19 – 23, 2007; Boston MA (USA)

“Polymer Nanocomposites with Rod-Like Nanoparticles”
Seminar, PPC, Chulalongkorn University, May 16, 2007; Bangkok (TH)

“Functional Polymer Design: Creating Materials with Tailored Opto/Electronic Properties”
Special VINSE Seminar, Vanderbilt University, April 16, 2007; Nashville TN (USA)

“Nanocomposites based on Cellulose Whiskers and (Semi)Conducting Polymers”
MRS 2007 Spring Meeting, April 9 – 13, 2007; San Francisco CA (USA)

“Conducting Polymer-Cellulose Nanocomposites”
American Chemical Society National Spring Meeting, March 25 – 29, 2007; Chicago IL (USA)

“Polymers and Dyes”
Emerging Technology Forum, March 1, 2007; Mt. Vernon OH (USA)

“Polymer Chameleons: Smart Materials with Built-In Deformation and Temperature Sensors”
Smart Coatings 2007, February 21-23, 2007; Orlando FL (USA)

“Polymer Chameleons: Smart Materials with Built-In Deformation and Temperature Sensors”
Seminar, University of Rhode Island, February 12, 2007; Kingston RI (USA)

“Functional Polymer Design: Creating Materials with Tailored Opto/Electronic Properties”
Seminar, TOYOBO Research Center, February 1, 2007; Katata (JP)

“Polymer Chameleons: Materials with Built-In Deformation and Temperature Sensors”
Seminar, NASA Glenn Research Center, November 29, 2006; Cleveland OH (USA)

“Metallo-supramolecular Conjugated Polymers”
American Chemical Society National Fall Meeting, September 12, 2006; San Francisco CA (USA)

“New Polymers with Tamper-Evidencing and Time-Temperature Sensing Capabilities”
Seminar, Procter and Gamble Co., August 23, 2006; Cincinnati OH (USA)

“Supramolecular Metallopolymers”
Seminar, PPC, Chulalongkorn University, May 16, 2006; Bangkok (TH)

“Functional Polymer Design: Creating Materials with Tailored Opto/Electronic Properties”
Seminar, Montanuniversität Leoben, May 2, 2006; Leoben (AT)

“New Packaging Materials with Tamper-Evidencing and Time-Temperature Sensing Capabilities”
Honeycomb Internet Presentation, April 10, 2006

“Self-Assessing Photoluminescent Polyurethanes and other Polymer Chameleons”
Seminar, Bayer MaterialScience, March 1, 2006; Pittsburgh PA (USA)

“Functional Polymer Design: Creating Materials with Tailored Opto/Electronic Properties”
Seminar, Wright State University, February 3, 2006; Dayton OH (USA)

“Polymer Chameleons: Materials with Built-In Deformation and Temperature Sensors”
Seminar, Alcoa, February 1, 2006; Pittsburgh PA (USA)

“Polymer Chameleons: Materials with Built-In Deformation and Temperature Sensors”
Nanoapp Summit, October 17 – 19, 2005; Cleveland OH (USA)

“Supramolecular Conjugated Organic/Inorganic Hybrid Polymers”
Seminar, Army Research Lab., Aberdeen Proving Grounds; October 12, 2005; Aberdeen, MD (USA)

“Smart Polymers with Built-In Deformation and Temperature Sensors”
American Chemical Society National Fall Meeting, August 29, 2005; Washington DC (USA)

“Synthesis and Properties of Conjugated Polymer Networks”
Seminar, PPC, Chulalongkorn University, May 18, 2005; Bangkok (TH)

“Functional Polymer Design: Creating Materials with Tailored Opto/Electronic Properties”

Seminar, Carnegie Mellon University, April 28, 2005; Pittsburgh PA (USA)

“Smart Polymers – Illuminating Solutions”
Panel Discussion at Research Showcase, April 7, 2005; CWRU, Cleveland OH (USA)

“Synthesis, Processing and Properties of Conjugated Polymer Networks”
American Chemical Society National Spring Meeting, March 15, 2005; San Diego LA (USA)

“Functional Polymer Design: Creating Polymers with Tailored Opto/Electronic Properties”
University of Basel, February 7, 2005; Basel

“Deformation and Temperature Sensors with Excimer-Forming Fluorescent Dyes and Polymers”
16th Inter-American Photochem. Soc. Winter Conf., January 6-9, 2005; Clearwater Beach FL (USA)

“Deformation and Temperature Sensors with Excimer-Forming Fluorescent Dyes and Polymers”
OPSC Emerging Technology Forum, November 17, 2004; Cleveland OH (USA)

“Functional Polymer Design: Creating Polymer Materials with Tailored Opto/Electronic Properties”
Seminar, SUNY Fredonia, September 16, 2004; Fredonia NY (USA)

“Functional Polymer Design: Creating Polymer Materials with Tailored Opto/Electronic Properties”
Seminar, Rochester Institute of Technology, September 15, 2004; Rochester NY (USA)

“Synthesis, Processing, and Properties of Conjugated Polymer Networks”
Keynote, Symp. Cond. Polymers & Electro-Optics (PPS 20), June 20-24, 2004; Akron OH (USA)

“Designing Functional Pi-Electron Systems”
Plenary, 6th Int. Symp. Funct. Pi-Systems, June 14-18, 2004; Cornell University, Ithaca NY (USA)

“Functional Polymer Blends: Creating Polymer Materials with Tailored Properties”
Seminar, PPC, Chulalongkorn University, May 14, 2004; Bangkok (TH)

“Functional Polymer Design: Creating Polymer Materials with Tailored Properties”
Seminar, Bowling Green State University, November 19, 2003; Bowling Green OH (USA)

“Functional Polymer Design: Creating Polymer Materials with Tailored Properties”
Seminar, University of Akron, October 30, 2003; Akron OH (USA)

“Functional Polymer Design: Creating Polymer Materials with Tailored Properties”
Seminar, Swiss Federal Institute for Materials Testing (EMPA), October 15, 2003; Dübendorf

“Functional Polymer Design: Creating Polymer Materials with Tailored Properties”
Seminar, Ciba Specialty Chemicals, October 1, 2003; Tarrytown NY (USA)

“Synthesis and properties of carbon-rich organometallic polymer networks”
American Chemical Society National Fall Meeting; September 7 - 11, 2003; New York NY (USA)

“Functional Polymer Design: Creating Polymer Materials with Tailored Properties”
Seminar, PPC, Chulalongkorn University, May 14, 2003; Bangkok (TH)

“Functional Polymer Design: Creating Polymer Materials with Tailored Properties”
Seminar, Kent State University, May 1, 2003; Kent OH (USA)

“Functional Polymer Blends”
NSF Workshop, University of Rochester, April 28-30, 2003; Rochester NY (USA)

“Functional Polymer Design: Creating Polymer Materials with Tailored Properties”
Young Professor Lecture, DuPont Experimental Station, February 25, 2003; Wilmington DE (USA)

“Functional Polymer Design: Creating Polymer Materials with Tailored Properties”
Igert Lecture, Dept. of Chemistry, U. Michigan, January 17, 2003; Ann Arbor MI (USA)

“Functional Polymer Design: Creating Polymer Materials with Tailored Properties”
Seminar, 3M Corporation, December 11, 2002; St. Paul MN (USA)

“High Charge Carrier Mobility in Conjugated Organometallic Polymer Networks”
American Chemical Society Southeast Regional Meeting, November 13 - 16, 2002; Charleston, SC

“Functional Polymer Design: Creating Polymer Materials with Tailored Properties”
Condensed Matter Seminar, Depart. of Physics, CWRU, October 28, 2002; Cleveland OH (USA)

“Functional Polymer Design: Creating Electro-Optic Polymer Materials with Tailored Properties”
Seminar, Dept. of Materials Science, CWRU, January 29, 2002; Cleveland OH (USA)

“Functional Polymer Design: Creating Electro-Optic Polymer Materials with Tailored Properties”

Seminar, Promerus Corporation, November 29, 2001; Brecksville OH (USA)

“Functional Polymer Design: Creating Electro-Optic Polymer Materials with Tailored Properties”
Seminar, Wright Patterson Air Force Base, October 23, 2001; Dayton OH (USA)

“Light-Emitting Polymer Displays and More”
Seminar, Hitachi Ltd. Research Laboratory, March 7, 2001; Hitachi-shi, (JP)

“Polarizing Light with Polymers”
1st Int. Conference on Molecular Electronics and Bioelectronics, March 6, 2001; Hyogo (JP)

“Neue Licht polarisierende Polymersysteme”
Makromolekulares Kolloquium, February 24, 2001 Freiburg (DE)

“Functional Polymer Synthesis: Past present and Future”
Seminar, DSM Research, July 4, 2000; Geleen (NL)

“Functional Polymer Synthesis: Creating Polymer Materials with Tailored Properties”
Seminar, Dept. of Pharmacy, ETH Zürich, June 30, 2000; Zürich

“Functional Polymer Synthesis: Past present and Future”
Seminar, Dept. of Macromolecular Science, CWRU; May 4, 2000; Cleveland OH (USA)

“Synthese, Verarbeitung und Anwendung orientierter konjugierter Polymersysteme”
Seminar, Dept. of Chemistry, University of Mainz, April 13, 2000; Mainz (DE)

“Functional Polymer Synthesis: Creating Polymer Materials with Tailored Properties”
Seminar, Dept. of Chemistry, University of Chicago, March 31, 2000; Chicago IL (USA)

“Functional Polymer Synthesis: Creating Polymer Materials with Tailored Properties”
Seminar, Dept. of Macromolecular Science, CWRU; March 29, 2000; Cleveland (USA)

“Oriented Conjugated Polymers: Processing and Application”
American Chemical Society National Spring Meeting, March 26 - 31, 2000; San Francisco CA (USA)

“Synthese Neuer Funktionspolymere ”
Seminar, Dept. of Chemistry, University of Düsseldorf, February 16, 2000; Düsseldorf (DE)

“Oriented Conjugated Polymers: Processing and Application in Display Devices”
23rd Asilomar Conference on Polymers, February 6-9, 2000; Pacific Groove CA (USA)

“Functional Polymer Synthesis: Creating Polymer Materials with Tailored Properties”
Melville Lecture, Dept. of Chemistry, Cambridge U., January 20, 2000; Cambridge (UK)

“Synthese Neuer Funktionspolymere”
Seminar, Dept. of Chemistry, University of Marburg, December 6, 1999; Marburg (DE)

“Oriented Conjugated Polymers: Processing and Application in Display Devices”
Gordon Research Conference, Organic Thin Films, July 11-16, 1999; Newport RI (USA)

“Polarizing Energy Transfer in Photoluminescent Polymer Systems: Materials and Applications”
European Material Conference (EMRS) Spring Meeting, June 1-4, 1999; Strasbourg (FR)

“Polymer-Based Systems for Advanced Optical Applications”
Bayreuth Polymer & Materials Research Symposium, April 11-13, 1999; Bayreuth (DE)

“Polarizing Light with Polymers”
CEA Grenoble, February 16, 1999; Grenoble (FR)

“Polarizing Light with Polymers: Photoluminescent Display Devices”
EID 1998, November 17-19 1998; Esher (UK)

“Oriented Conjugated Polymers: Processing and Application in Photoluminescent Display Devices”
Keynote Lecture, Polymer 1998, September 11, 1998; Brighton (UK)

“Polarizing Light with Polymers”
Seminar, Ciba Specialty Chemicals, June 2, 1998; Basel

“New Photoluminescent Display Devices”
Seminar, Depts. of Mat. Sci. Eng. and Chemistry, UCLA, April 10, 1998; Los Angeles CA (USA)

“Polarizing Energy Transfer in Photoluminescent Materials for Display Applications”
Seminar, Dept. of Mat. Sci. Eng., MIT, April 6, 1998; Cambridge MA (USA)

“New Photoluminescent Display Devices”

Seminar, Dept. of Mat. Sci. Eng., Northwestern University, April 3, 1998; Chicago IL (USA)

“Incorporation of Photoluminescent Polarizers into Liquid Crystal Displays”

Seminar, Dept. of Mat. Sci. Eng., University of Delaware, March 25, 1998; Wilmington DE (USA)

“Nylons with Extended Aliphatic Segments”

Seminar, Solutia Inc., March 23, 1998; Pensacola FL (USA)

“Photo- and Electroluminescence in Poly(*p*-phenylene ethynylene)s”

Bayreuth Polymer & Materials Research Symposium, April 7-9, 1997; Bayreuth (DE)

Contributed (12 total):

“Reinforcement of polymers with a cellulose nanocrystal types with different aspect ratios”

American Chemical Society National Spring Meeting, March 16, 2016; San Diego CA (USA)

“Synthesis, Processing and Properties of Conjugated Polymer Networks”

American Chemical Society National Spring Meeting, March 13 - 17, 2005; San Diego CA (USA)

“Creating Polymer Chameleons – Smart Blends with Self-Assessing Capabilities”

American Chemical Society National Spring Meeting, March 13 - 17, 2005; San Diego CA (USA)

“Synthesis and properties of cross-linked conjugated polymers”

American Chemical Society National Fall Meeting, September 7 - 11, 2003; New York NY (USA)

“Synthesis and properties of cross-linked conjugated polymers”

American Chemical Society National Fall Meeting, September 7 - 11, 2003; New York NY (USA)

“Synthesis and properties of conjugated polymer networks formed by non-covalent interactions”

American Chemical Society National Spring Meeting, March 23 - 27, 2003; New Orleans LA (USA)

“Oligo(*p*-phenylene vinylene) excimers as molecular probes”

American Chemical Society National Spring Meeting, March 23 - 27, 2003; New Orleans LA (USA)

“Efficient Photoluminescent Polarizers based on Polarizing Energy Transfer”

MRS Spring Meeting, April 13-17, 1998; San Francisco CA (USA)

“New Photoluminescent Display Devices”

American Chemical Society National Spring Meeting, March 29 - April 2, 1998; Dallas TX (USA)

“Novel Liquid Crystal Display Devices Based on Photoluminescent Polymer Films”

MRS Fall Meeting, December 1-5, 1997; Boston MA (USA)

“Solid State Structure and Properties of Poly(2,5-dialkoxy-*p*-phenylene ethynylene)s”

MRS Fall Meeting, November 27-December, 1995; Boston MA (USA)

“A New Approach to the Design of Polymers with Large and Stable Nonlinear Optical Properties”

MRS Fall Meeting, November 28 - December 2, 1994; Boston MA (USA)

Other Public Speeches (Since 2014):

“Publishing in Scientific Journals”

Workshop, Chulalongkorn University, January 17, 2024; Bangkok (TH)

“Material Changes”

NanoArt Revolution; Polytechnic University, December 6, 2023; Timisoara (RN)

“Publishing in Scientific Journals”

Workshop, Chulalongkorn University, September 29, 2022; Bangkok (TH)

“Inspiration Natur”

Vernissage, Exhibit Inspiration Natur(e), Naturhistorisches Museum, October 12, 2018; Fribourg

“Intelligente Materialien”

Nacht der Museen, University of Fribourg, AMI, May 26, 2018; Fribourg

“Nanomaterialien”

Rotarier Club Freiburg-Sense, March 22, 2017; Dürdingen

“Faszinierende Welt der Nanomaterialien”

Volkshochschule Zürich, February 7, 2017; Zürich

“Nano?!”

Kickoff speech, panel “Nano“, Expo Nano / NRP 64, January 14, 2016; High School Enge, Zurich
“Patent it!”
Interdisciplinary Training for Young Scientists, NRP 64, November 4, 2015; Berne
“En quoi et comment les études gymnasiales peuvent-elles le mieux préparer les futurs universitaires, les futurs chercheurs?”
Conférence des directeurs de gymnases de Suisse romande et du Tessin, September 17, 2015; Fribourg
“Innovation and Academic Research”
Innovation et créativité, Cérémonie de départ pour Recteur Guido Vergauwen, May 18, 2015; Fribourg
“Reise ins Herz der Materie”
Plenary Lecture, Apéro of the Alumni of the University of Fribourg, October 23, 2014; St. Gallen
“Reise ins Herz der Materie”
Plenary Lecture, 125 Jubilee of the University of Fribourg, September 28, 2014, Fribourg
“Interdisziplinarität in Forschung und Lehre”
Keynote Lecture, Kick-off Meeting for all Teachers, Lycée St. Croix, September 5, 2011; Fribourg
“Les matériaux intelligents du futur”
Friburgissima, September 27, 2010, Fribourg, Switzerland