

List of short lectures

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Metal-Silicon Triple Bonds

SL-2

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Microstructures in Methylhydrosiloxane Copolymers and Their Impact On The Functionalized Silicone Polymers

SL-3

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Tetraaloxysilanes as Convenient and Inexpensive Reagents for Direct Amidation of Carboxylic Acids

SL-4

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Covalency and ionicity do not oppose each other – Relationship between Si-O bond character and basicity of siloxanes

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Luke C. Delmas*, Paul D. Lickiss and Robert P. Davies
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Siloxane-Based Linkers in the Construction of Porous 3D MOFs

SL-6

Oleg L. Tok*
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New family of helicenes built from siloles

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Bogdan Marciniak*

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Transformations of vinylsubstituted silsesquioxanes and heterosilsesquioxanes via olefin metathesis and metallative coupling procedures

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Jędrzej Walkowiak*¹, Kinga Stefanowska^{1,2}, Jakub Szyling^{1,2}, Tomasz Sokolnicki^{1,2}, Adrian Franczyk¹, Katarzyna Salamon^{1,2}, and Mateusz Klarek^{1,2}

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Green and sustainable methods in the synthesis of unsaturated organosilicon and related elements compounds

SL-9

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Silicone Hydrogels and their Surface Characteristics

SL-10

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New Classes of Catalysts for Hydrosilylation Reactions

SL-11

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Efficient synthesis of valuable monosilanes from Direct Process Residue

SL-12

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Coordination chemistry of Hybrid Disila-Crown Ethers

SL-13

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Main-group catalysed hydrosilylation

SL-14

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Selective Chemical Transformations of Neopentasilane

SL-15

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Steric Control of the Disilene – Silylsilylene Equilibrium

SL-16

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Lewis-acidity and reactivity of bis(catecholato)silanes

SL-17

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Solving Problems Critical to the Business and Research Chemist by Utilizing NMR Spectroscopy

SL-18

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Glycerol-silicone elastomers – current status and perspectives

SL-19

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Synthesis of Silacyclic Compounds Utilizing Aldehydes Activated by Silyl Cations

SL-20

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Advanced Wound Care Adhesives with New Functional Properties

SL-21

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Quantitative determination of grafted silane amount on modified silica nanoparticles

SL-22

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Facile Access to Ni⁰ π -Complexes of Silicon-Heteroatom Multiple Bonds

SL-23

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Behavior of electroless copper deposition onto multi-crystalline silicon in diluted hydrofluoric acid solutions

SL-24

Yuriy N. Kononevich*¹, Anastasia S. Belova¹, Anton A. Anisimov¹, Viacheslav A. Sazhnikov², Nikolay M. Surin³, Evgeniya A. Svidchenko³, Olga I. Shchegolikhina¹, Aziz M. Muzafarov^{1,3}

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Stereospecific multichromophoric systems based on organosilicon matrixes: synthesis and photophysical properties

SL-25

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Aminosilanes – Insertion Reactions of Carbon Dioxide and Isocyanates

SL-26

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Unusual reactivity at silicon from surface constraints

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Do silsesquioxane cages and polymers offer semiconducting properties

SL-28

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Selective Synthesis and Transformation of Stereogenic Silicon Centers

SL-29

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Properties of $[\text{Si}_9]^{4-}$, $[\text{Ge}_9]^{4-}$ and Specifically Functionalized Derivatives as well as Reactions of those Including $[(\text{Me}_5\text{C}_5)\text{Si}]^+$

SL-30

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Organosilanes and nanoporous Si via an HF-free electrochemical dissolution of silicon

SL-31

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Reactivity of $\text{SiBr}_2(\text{caac}^{\text{Me}})$ (caac^{Me} = Cyclic Alkylamino Carbene)

SL-32

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Stereochemically constrained [3]ferrocenophanes with functional PEP bridge (E = group 14 element)

SL-33

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Synthesis of Butterfly Cages

SL-34

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Isomerization Mechanisms Around E=E' (E,E'=C,Si) Bonds. Experiment and Theory

SL-35

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Synthesis and Reactivity of Silicon Ring Compounds

SL-36

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Synthesis of organosilicon compounds catalyzed by scandium(III) trifluoromethanesulfonate

SL-37

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Low-Valent Silicon Compounds Based on 2,5-Disilylsilole Dianions

SL-38

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Silicon/Boron Exchange Routes to Conjugated Organoboron Polymers

SL-39

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Unexpected Reaction of Silyl Hydrides with Germanium(IV) Alkoxides in the Presence of B(C₆F₅)₃

SL-40

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Oxygen vs Sulfur stabilized Silyl Cations – Which is the Better Lewis Acidic Catalyst

SL-41

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“Are polychlorosilanes really oxidizing agents?” Investigation of the reaction products of the international UN Test O.2

SL-42

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Metal borohydrides as catalysts for (hydro)silylation reactions

SL-43

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Stepwise Substitution of Alkoxysilanes to Form Unsymmetrical Multifunctional Aminoalkoxysilanes

SL-44

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Novel Synthesis Route to Organo(chloro)silanes

SL-45

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Recent Developments in the Transition Metal Catalyzed Cross Couplings of Electrophilic Silanes