



Mikrosymposium sprawozdawcze 7-9 stycznia 2014

Wystąpienia ustne - 7 stycznia 2014 (wtorek) Aula IChF PAN

Godzina	Prezentuje:	Tytuł wystąpienia
<i>sesji przewodniczy: Marcin Fiałkowski</i>		
09:00	Jan Guzowski	Generation and stability of droplets with internal structure
09:20	Piotr Korczyk	Microfluidic traps for hard-wired operations on droplets
09:40	Sławomir Jakiela	Bacterial growth and adaptation in microdroplet chemostats
10:00	Anna Lewandowska, Aldona Majcher	Taylor Dispersion Analysis in Coiled Capillaries at High Flow Rates
10:20	Przerwa kawowa	
<i>sesji przewodniczy: Piotr Zarzycki</i>		
10:50	Zbigniew Karpiński	Phase transformations in silica-supported palladium-copper catalysts during reduction in hydrogen
11:10	Juan Colmenares	Unprecedented possibilities of sonication and photon energy: photocatalytic

		materials for water/air purification and green organic synthesis
11:30	Hubert Piwoński	Arresting Tautomerization in a Single-Molecule by the Surrounding Polymer
11:50	Krzysztof Sozański	Diffusion as an activated process: from single particles to macroscale flow
12:10	Sylwester Gawinkowski	Controlling reaction in a single molecule with a single atom
	Przerwa obiadowa	
<i>sesji przewodniczy: Robert Nowakowski</i>		
13:30	Marta Sosnowska	Piezomicrogravimetric and impedimetric oligonucleotide sensors
13:50	Tan Phat Huynh	Molecularly imprinted polymer (MIP) chemical sensors for selective determination of nitroaromatic explosives
14:10	Ewelina Kalwarczyk	A "wrap-and-wrest" mechanism of fluorescence quenching of CdSe/ZnS quantum dots by surfactant molecules.
14:30	Andrzej Żywociński	Nano-windmill" driven by a flux of water vapour: comparison to the rotating ATPase
14:50	Volodymyr Sashuk	Nanoparticles in a Capillary Trap: Dynamic Self-Assembly at Fluid Interfaces
15:10	Oksana Danylyuk	Structural insight into supramolecular reaction between host cucurbituril and guest adrenaline
15:30	Kamil Sokołowski	Fixation of CO ₂ on RZnOH species: efficient routes to novel nanomaterials based on zinc carbonates



Sesja posterowa - 8 stycznia 2014 (środa) 9⁰⁰ – 12⁰⁰

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2.	I. Obraztsov, K. Noworyta, A. Hart, C. B. KC, F. D'Souza, W. Kutner	Langmuir and Langmuir-Blodgett films of the electron donor-acceptor dyad of Zn phthalocyanine bearing peripheral alkylether substituents and the C ₆₀ -imidazole adduct	2
3.	Z. Iskierko, M. Sosnowska, P.S. Sharma, F. D'Souza, K. Noworyta	Development of inosine-imprinted polymer as a recognition unit in chemosensors for early detection of renal dysfunctions	2
4.	K. Bartoń, T-P. Huynh, M. Sosnowska, Z. Iskierko, A. Ciesielczuk, A. Pietrzyk-Le	A molecularly imprinted polymer approach to detection of TATAAA oligonucleotide	2
5.	M. Dąbrowski, P. S. Sharma, Z. Wróbel, W. Kutner	Electrochemically-induced mesoporous molecularly imprinted organosilica film, deposited as recognition unit of chiral chemosensor for selective detection and determination of L-arabitol	2
6.	P. S. Sharma, M. Dąbrowski, A. Kuhn, F. D'Souza, W. Kutner	Surface enhanced sensing with a macroporous molecularly imprinted polymer film for selective L-arabitol recognition	2
7.	K. R. Noworyta, P. Bocian,	Application of the electrochemically deposited conducting polymers as	2

	J. W. Sobczak, C. B. KC, F. D'Souza, W. Kutner	molecularly imprinted recognition units for creatinine chemosensors	
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	J. Lewiński		
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41.	Z. Karpiński, M. Bonarowska, W. Juszczyk	Phase changes in Pd-Cu/SiO ₂ catalysts during activation in hydrogen	15
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44.	A. Śrębowata, R. Baran, I.I. Kamińska, D. Lisovytskiy, D. Łomot, S. Dźwigaj	Catalytic activity of nickel promoted beta zeolites in hydrodechlorination of 1,2-dichloroethane	15

45.	A. Śrębowata, I.I. Kamińska, W. Raróg-Pilecka, D. Lisovytskiy	The effect of carbonaceous supports on Ni-catalyzed aqueous - phase chloroorganic compounds hydrodechlorination	15
46.	J. C. Colmenares, A. Magdziarz, O. Chernyayeva, D. Lisovytskiy, K. Kurzydłowski, J. Grzonka	Fe-TiO ₂ EcoNanomaterials synthesized by sonication-based methodologies: application in photocatalytic treatment of lignocellulose-based wastewater	15
47.	A. Magdziarz, J. C. Colmenares, D. Łomot, O. Chernyayeva, D. Lisovytskiy	An effective combination of (ultra)sonication and light for the synthesis of palladium doped TiO ₂	15
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