

**Semiconductor Photochemistry (SP4)****STUDENT PAPER COMMUNICATION LIST****STUDENT PAPER COMMUNICATION SESSION I / POSTER SESSION I****(24<sup>th</sup> June 17:30 - 18:30)**

17:30 – 17:35	SPC 1	Liu N.	'BLACK' TITANIUM DIOXIDE NANOTUBES FOR ENHANCED PHOTOELECTROCHEMICAL WATER SPLITTING
17:35 – 17:40	SPC 2	Chatzitakis	HYDROGEN PRODUCTION AND ORGANIC POLLUTANTS REDUCTION IN AN ALGAE PHOTOELECTROCHEMICAL CELL
17:40 – 17:45	SPC 3	Yoo	NOBLE METAL DECORATED ARRAYS OF TiO <sub>2</sub> NANOTUBES FOR PHOTOCATALYSIS
17:45 – 17:50	SPC 4	Marques	CONTROLLED RELEASE OF VOLATILE AGENTS FROM POLYMERIC MICROCAPSULES BY PHOTOCATALYTIC N-DOPED TiO <sub>2</sub> NANOPARTICLES
17:50 – 17:55	SPC 5	Mansfeldová	PREPARATION AND PROPERTIES OF NANOSTRUCTURED TITANIA BY THE AID OF IONIC LIQUIDS
17:55 – 18:00	SPC 6	Jimenez-Relinque	EFFICIENCY OF TiO <sub>2</sub> ENRICHED PHOTOCATALYTIC CONSTRUCTION MATERIALS BASED ON THEIR PRODUCTION OF ACTIVE SPECIES
18:00 – 18:05	SPC 7	Pablos	ELECTROCHEMICALLY ASSISTED PHOTOCATALYTIC DISINFECTION ON TiO <sub>2</sub> AND NITROGEN-DOPED TiO <sub>2</sub> NANOTUBES
18:05 – 18:10	SPC 8	Paušová	PREPARATION OF TiO <sub>2</sub> -SiO <sub>2</sub> COMPOSITE MATERIALS AND THEIR APPLICATIONS IN WATER AND AIR CLEANING
18:10 – 18:15	SPC 9	Killian	TRACING OF DOPANTS IN NOVEL PHOTOCATALYSTS BY SURFACE ANALYSIS
18:15 – 18:20	SPC 10	Pližingrová	PREPARATION OF TITANIA NANOPARTICLES FROM TITANYLSULPHATE USING LYOPHILIZATION; CHARACTERIZATION AND PHOTOCATALYTIC ACTIVITY ASSESSMENT

**STUDENT PAPER COMMUNICATION SESSION II / POSTER SESSION II**  
**(25<sup>th</sup> June 17:30 - 18:30)**

17:30 – 17:35	SPC 11	Lee	SELF-ORGANIZED METAL OXIDE NANOSTRUCTURES BY ANODIZATION AND THEIR USE FOR PHOTOELECTROCHEMICAL AND PHOTOCATALYTIC APPLICATIONS
17:35 – 17:40	SPC 12	Laskova	LEVEL OF CAPACITIVE CHARGE STORAGE IN TiO <sub>2</sub> (B)
17:40 – 17:45	SPC 13	Nguyen P.T.N.	A NON-HYDROLYTIC SOL-GEL SYNTHESIS OF REDUCED GRAPHENE OXIDE/TiO <sub>2</sub> MICROSPHERES PHOTOCATALYSTS
17:45 – 17:50	SPC 14	Kirchgeorg	C-,N-,S- DOPING OF NANOSTRUCTURED METAL OXIDES FOR VISIBLE LIGHT ABSORPTION
17:50 – 17:55	SPC 15	Zhou	INNOVATIVE PHOTOCATALYTIC TITANIA MEMBRANE BY PLASMA-ENHANCED CHEMICAL VAPOR DEPOSITION (PECVD) FOR WATER TREATMENT TECHNOLOGY
17:55 – 18:00	SPC 16	Nguyen N.-T.	INVESTIGATION OF INTERFACE JUNCTION IN MIXED-PHASE OF ANATASE/ RUTILE TiO <sub>2</sub>
18:00 – 18:05	SPC 17	Ratova	OPTIMISATION OF HIPIMS PHOTOCATALYTIC TITANIA COATINGS ON POLYMERIC SUBSTRATES
18:05 – 18:10	SPC 18	Ostovarpour	PRODUCTION AND CHARACTERISATION OF TiO <sub>2</sub> -Mo COATINGS AS A VISIBLE LIGHT ACTIVE, ANTIMICROBIAL SURFACE
18:10 – 18:15	SPC 19	Wells	CORRELATION BETWEEN D ABS, D RGB AND STEARIC ACID DESTRUCTION RATES USING COMMERCIAL SELF CLEANING GLASS AS THE PHOTOCATALYST
18:15 – 18:20	SPC 20	Kusiak-Nejman	CARBON MODIFICATION OF TiO <sub>2</sub> WITH BUTYL ALCOHOLS AS A PROMISING ROUTE OF PHOTOCATALYSTS PREPARATION

**STUDENT PAPER COMMUNICATION SESSION III / POSTER SESSION III****(26<sup>th</sup> June 11:45 - 12:45)**

11:45 – 11:50	SPC 21	Choina	PHOTOCATALYTIC REMEDIATION OF WATER FROM PHARMACEUTICALS OVER NANOSCALE ZINC OXIDE
11:50 – 11:55	SPC 22	Jiménez-Tototzintle	SUPPORTED-TiO <sub>2</sub> SOLAR PHOTOCATALYSIS AT PILOT PLANT SCALE: DEGRADATION OF PESTICIDES FOUND IN WASTEWATER FROM CITRUS PROCESSING INDUSTRY. REACTIVITY AND REACTION PATHWAYS
11:55 – 12:00	SPC 23	Pirilä	TiO <sub>2</sub> -COATED CLAY GRANULES FOR PHOTOCATALYTIC DEGRADATION OF METHYLENE BLUE
12:00 – 12:05	SPC 24	Valtanen	PHOTOCATALYTIC REMOVAL OF PESTICIDES OVER TiO <sub>2</sub> BASED CATALYSTS
12:05 – 12:10	SPC 25	Touati	PHOTOCATALYTIC OXIDATION OF TEXTILE WASTEWATER OVER CERIUM DOPED TITANIUM DIOXIDE MATERIALS
12:10 – 12:15	SPC 26	Benchenaa	PHOTOCATALYTIC TiO <sub>2</sub> -BASED COATINGS ON FLEXIBLE MATERIALS FOR BUILDING APPLICATIONS
12:15 – 12:20	SPC 27	Ren	NOVEL EFFECT OF SIGNIFICANT ENHANCEMENT OF GAS-PHASE PHOTOCATALYTIC EFFICIENCY FOR NANO ZnO
12:20 – 12:25	SPC 28	Moulis	PHOTODEGRADATION OF VOCs IN FLOW-THROUGH PHOTOREACTOR USING TiO <sub>2</sub> /UV-A AND H <sub>2</sub> O <sub>2</sub> /UV-C SYSTEM
12:25 – 12:30	SPC 29	Rodriguez	DEGRADATION OF BODY ODORS AND BACTERIA BY PHOTOCATALYTIC INSOLES