

ORAL (alphabetical order)

| Family Name          | First Name | Title of the Oral Presentation   | ORAL Reference Number |
|----------------------|------------|--|-----------------------|
| ABBAS                | Qamar      | Confinement of iodides within the porosity of the positive carbon electrode resulting in a unique aqueous hybrid supercapacitor        | OSc6                  |
| ALVAREZ FERRERO      | Guillermo  | FREE-STANDING HYBRID FILMS BASED ON GRAPHENE AND POROUS CARBON PARTICLES FOR SUPERCAPACITORS   | OSc3                  |
| BAASNER              | Anne       | SILICON CARBON VOID STRUCTURES AS ANODE MATERIAL FOR ADVANCED LITHIUM-ION AND LITHIUM-SULFUR BATTERIES                                 | OLi8                  |
| BACCOUR              | Mohamed    | CARBONACEOUS MONOLITHS WITH HIERARCHICAL POROSITY AS SUPPORTS FOR BIOCATALYSIS   | OCa9                  |
| BEDA                 | Adrian     | DEVELOPMENT OF ECO-FRIENDLY HARD CARBONS FOR SODIUM ION BATTERIES (NIBs)   | OLi10                 |
| BIESHEUVEL           | Maarten    | Theory of Water desalination using Capacitive Carbon Electrodes  | OSi3                  |
| BONNAMY              | Sylvie     | SYNTHESIS AND CHARACTERIZATION OF BIOMIMETIC CARBONATED CALCIUM-DEFICIENT HYDROXYAPATITE DEPOSITED ON CARBON FIBER CLOTH               | OB2                   |
| BOSILJ               | Monika     | Optimisable Hydrothermal Carbons in Heterogeneous Catalysis  | OCa10                 |
| CHEBBI               | Mouheb     | CAPTURE OF METHYL IODIDE BY IMPREGNATED ACTIVATED CARBONS IN THE CONTEXT OF NUCLEAR INDUSTRY   | OG3                   |
| DELPEUX - OULDRIANE  | Sandrine   | A UNIVERSAL HYBRID ADSORBENT BASED ON CHITOSAN / ACTIVATED CARBON / CLAY FOR WATER TREATMENT   | OW3                   |
| DINI                 | Yoann      | UNDERSTANDING ELECTRICAL TRANSPORT IN CARBON NANOTUBE YARN   | OH2                   |
| DOERFLER             | Susanne    | NITROGEN DOPED CARBON MATERIALS IN LITHIUM-SULFUR BATTERIES FOR LOW ELECTROLYTE CONTENTS   | OLi6                  |
| DOMERGUE             | Lionel     | ADSORPTION OF DICLOFENAC ON CARBON MONOLITH AND ADSORBENTS REGENERATION USING ELECTROGENERATED RADICALS                                | OW2                   |
| FAROOQ               | Amjad      | Removal of Hazardous Gases from Air Stream by Impregnated Activated Carbons  | OG6                   |
| FAVRE BOIVIN         | Fabienne   | Depuration capacity of wood waste biochars towards micropollutants in waste waters   | OW5                   |
| FERNÁNDEZ DE CORDOBA | María      | SYNTHESIS AND CHARACTERIZATION OF METAL-DECORATED NANOPOROUS CARBONS USING ROOM TEMPERATURE PHOTOINDUCED APPROACHES                    | OCa7                  |
| FONTANA              | Sébastien  | Various functionalization techniques of carbon support for PEMFC electrodes  | OLi2                  |
| GADIOU               | Roger      | H <sub>2</sub> /O <sub>2</sub> bio fuel cell using carbon nanofiber electrodes   | OLi11                 |
| GERBER               | Iann       | Atomic-scale structures of Ruthenium-fullerides and Insights of their catalytic properties from a computational point of view          | OCa11                 |
| GHIMBEU              | Camélia    | FACILE AND GREEN SYNTHESIS OF NITROGEN-DOPED CARBON SPHERES  | ONC3                  |
| GOMIS-BERENGUER      | Alicia     | Analysis of the photoelectrochemical response of nanoporous carbon electrodes  | OH1                   |
| GUBERNAT             | Maciej     | CARBON MATERIALS MODIFIED WITH SILICON – DERIVED NANO COMPOUNDS  | ONC2                  |
| HERRAIZ              | Michael    | FEMTOSECOND LASER EXFOLIATION OF GRAPHITE FLUORIDES  | ONC4                  |
| HEUMANN (BULLER)     | Saskia     | CHARACTERIZATION AND ACTIVITY STUDIES OF CARBON FUNCTIONAL GROUPS AND THEIR COVALENT BONDING FEATURES IN ATOMIC LAYER DEPOSITION       | OCh1                  |
| HOF                  | Ferdinand  | GICs: A VERSATILE NANO-TEMPLATE FOR THE SYNTHESIS OF MULTI-FUNCTIONAL ELECTROCATALYSTS   | OCa5                  |
| HOSHIKAWA            | Yasuto     | PREPARATION OF MONOLITHIC POROUS CARBON ELECTRODES FOR IMMOBILIZATION OF REDOX ENZYMES   | OB1                   |
| INIESTA              | Jesus      | ON THE USE OF MESOPOROUS CARBONS FOR THE IMMOBILIZATION OF FORMATE DEHYDROGENASE TOWARDS THE CO <sub>2</sub> ELECTROCHEMICAL REDUCTION | OCa4                  |
| JAGIELLO             | Jacek      | EMPLOYING ADSORPTION OF OXYGEN INSTEAD OF NITROGEN FOR THE CHARACTERIZATION OF CARBON NANOPORE STRUCTURE                               | OCh3                  |
| KAWAGUCHI            | Masayuki   | ELECTROCHEMICAL INTERCALATION OF SODIUM INTO B/C/N AND B/C MATERIALS AS ANODES OF SODIUM ION BATTERIES                                 | OLi1                  |
| KIKUCHI              | Keisuke    | Increment of Specific Surface Area of Activated Carbon Derived from Spent Coffee Ground by Acid Pretreatment                           | OSc2                  |
| KYOTANI              | Takashi    | ANALYSIS OF ELECTROCHEMICAL DEGRADATION OF CARBON MATERIALS FROM A MOLECULAR POINT OF VIEW   | OSc4                  |
| LANNELONGUE          | Jérémy     | Carbon's impact on active material utilization in advanced lead-acid batteries using thin plate technology                             | OLi5                  |
| LÁSZLÓ               | Krisztina  | NITROGEN DOPED CARBON AEROGEL - GRAPHENE COMPOSITE MATERIALS FOR ELECTROCATALYSIS  | OCa12                 |
| LEONARD              | Alexandre  | CARBON XEROGELS AS MODEL MATERIALS TO STUDY THE BEHAVIOR OF HARD CARBONS AS ANODES FOR LITHIUM-ION BATTERIES                           | OLi3                  |
| LOS                  | Szymon     | IMPEDANCE SPECTROSCOPY AS A DETAILED METHOD TO CHARACTERIZE ELECTROCHEMICAL PERFORMANCE OF POROUS CARBONS                              | OCh5                  |
| MAGNIN               | Yann       | NICKEL-CARBON NANOPARTICLES: SIZE DEPENDENT PHASE DIAGRAMS AND INTERACTION WITH GRAPHENIC LAYERS                                       | OSi1                  |
| MATOS                | Juan       | CARBON-BASED CATALYSTS AND PHOTOCATALYSTS FOR THE INTEGRATED PHOTO-BIOREFINERY   | OCa1                  |
| MAYNE-L'HERMITE      | Martine    | FUNCTIONALIZED CARBON NANOTUBES AS SENSITIVE LAYERS FOR BTX AND TIC SENSING  | OB3                   |
| MESTRE               | Ana        | Pharmaceuticals analysis by using hydrochars as effective enrichment phases  | OW4                   |
| MINAMISAWA           | Takunori   | Development of Electrode Materials for High Capacity Energy Devices Utilizing Nano Spaces  | OLi9                  |
| MOSTAZO-LÓPEZ        | María José | NITROGEN DOPED ACTIVATED CARBONS PREPARED AT MILD CONDITIONS AS ELECTRODES FOR SUPERCAPACITORS IN ORGANIC ELECTROLYTE                  | OSc7                  |
| NASSOY               | Fabien     | VERTICALLY ALIGNED CARBON NANOTUBE GROWTH ON ALUMINIUM SUBSTRATES AT LOW TEMPERATURE   | ONC6                  |
| NOMURA               | Keita      | Unique properties of graphene-based mesoporous carbon  | ONC1                  |
| OZAKI                | Jun-ichi   | OBSERVATION OF ELECTROCHEMICAL OXIDATION OF CARBONS BY COUPLING SEMI in-situ RAMAN SPECTROSCOPY AND CYCLIC VOLTAMMETRY                 | OCh2                  |

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|--------------|-------------|---|-------|
| PIBALEAU     | Baptiste    | MnO <sub>2</sub> /VACNT NANOSTRUCTURED ELECTRODES FOR SUPERCAPACITORS   | OSc8  |
| PINA RIVEIRO | Ana claudia | WOOL ACTIVATED CARBON FELT FOR CARBON DIOXIDE CAPTURE AND BIOMETHANE OBTENTION  | OG2   |
| PIWEK        | Justyna     | The effect of ageing phenomena on the carbon porosity in high-voltage aqueous capacitor                                     | OSc9  |
| PONTIROLI    | Daniele     | Graphene-based electrodes for high-performance Na-ion batteries   | OLi7  |
| PRESSER      | Volker      | Capacitive and faradaic desalination for energy efficient and stable treatment of brackish water and sea water              | OW1   |
| RICCO        | Mauro       | HYDROGEN ABSORPTION IN METAL CLUSTER INTERCALATED FULLERENE   | OG5   |
| RODENAS      | Tania       | COBALT-BASED METAL-ORGANIC FRAMEWORK NANOSHEETS ON GRAPHITIC CARBON COMPOSITE MATERIALS FOR ELECTROCATALYSIS                | OCa3  |
| ROJO         | Jose m      | CARBON MONOLITHS CONSISTING OF TWO CARBON PHASES AS ELECTRODES FOR SUPERCAPACITORS  | OSc1  |
| SCARAVONATI  | Silvio      | Carbon Nanostructures for High-Performance Supercapacitors  | OSc11 |
| SKOWRON      | Piotr       | STUDY OF FARADAIC IMPEDANCE AT THE CARBON ELECTRODE/ IONIC LIQUID ELECTROLYTE INTERFACE ON THE PERFORMANCE OF EDL-CAPACITOR | OSc10 |
| TITIRICI     | Magda       | HYDROTHERMAL CARBON NANOCRYSTALS  | ONC7  |
| TUOMIKOSKI   | Sari        | BIOMASS-BASED CARBON AS SUPPORT MATERIAL FOR FE CATALYST: APPLICATIONS IN OXIDATION PROCESSES                               | OCa8  |
| VELASCO      | Leticia     | WATER AS A PROBE MOLECULE FOR SIMULTANEOUS ASSESSMENT OF SURFACE GROUPS AND PORE SIZE DISTRIBUTION OF ACTIVATED CARBONS     | OCh4  |
| VILATELA     | Juan j      | CONTINUOUS MACROSCOPIC FIBRES OF CNT AS FOR ENERGY STORAGE DEVICES  | ONC5  |
| YOSHIKAWA    | Masaaki     | EFFECT OF PORE SIZE OF ACTIVATED CARBON FIBERS ON THE REMOVAL OF NO <sub>x</sub>  | OG4   |