POSTERS – Life Sciences

P-1

ADDING "COLORS" TO CRYO-RM: EXTRACTING LOCAL CHEMICAL INFORMATION FROM RADIATION DAMAGE

Gili Abelya[1], Gabriel A. Frank[1,2], Ran Zalk[3]
[1]*Department of Life Sciences, Ben-Gurion University of the Negev, Be'er Sheva, Israel*
[2]*The National Institute for Biotechnology in the Negev, Ben-Gurion University of the Negev, Be'er Sheva, Israel*
[3]*Ilse Katz Institute for Nanoscale Science & Technology, Ben-Gurion University of the Negev, Be'er Sheva, Israel*

P-2

RNA EXPORT THROUGH THE NUCLEAR PORE COMPLEX IS DIRECTIONAL

Asaf Ashkenazy-Titelman, **Mohammad Atrash**, Alon Boocholez, Yaron Shav-Tal
The Mina & Everard Goodman Faculty of Life Sciences & Institute of Nanotechnology, Bar-Ilan University, Ramat Gan, Israel

P-3

SINGEL CELL DYNAMIC MORPHOKINETIC ANALYSIS AS A TOOL TO STUDY THE SIGNALING AND METABOLISM MOLECULAR MECHANISMS OF CELL MOTILITY – THE ROLE OF MET IN SARCOMA AS A MODEL

Monika Bhowmik
Microbiology and Clinical Immunology, Tel Aviv University, Tel Aviv, Israel

P-4

STUDY THE INTERPLAY BETWEEN DRIVER GENE AND MODIFIER GENES DICTATES BREAST CANCER DEVELOPMENT – MET ONCOGENE AND AI PATHOMICS & MICROSCOPY AS A MODEL

Michal Bloom[1], Yuval Man[1], Daniel Moshel[1], Dvora Kidron[2], Galia Tsarfaty[3], Judith Horev[1], Fuad A Iraqi[1], Ilan Tsarfaty[1]
[1]*Department of Clinical Microbiology and Immunology, Tel Aviv University, Tel Aviv, Israel*
[2]*Department of Pathology, Meir Medical Center, Kfar Saba, Israel*
[3]*Department of Diagnostic Imaging, The Chaim Sheba Medical Center, Tel Hashomer, Ramat-Gan, Israel*

P-5

ACIDITY FLUCTUATIONS INDUCE STRUCTURAL AND FUNCTIONAL CHANGES IN COLLAGEN HYDROGEL

Orit Bronner[1], Einat Nativ-Roth[2], Raquel Isidoro Silva[2], Netta Vidavsky[1]
[1]*Department of Chemical Engineering, Ben-Gurion University of the Negev, Beer Sheva, Israel, Israel*
[2]*Ilse Katz Institute for Nanoscale Science & Technology, Ben-Gurion University of the Negev, Beer Sheva, Israel, Israel*

P-6

IMAGING OF PRECANCER TUMOR MODEL TO STUDY THE RELATIONSHIP BETWEEN MICROCALCIFICATIONS AND MALIGNANCY

Amit Cohen, Lotem Gotnayer, Dina Aranovich, Netta Vidavsky
Chemical Engineering, Ben-Gurion University of the Negev, Beer Sheva, Beer Sheva, Israel

P-7

AN IMAGING SYSTEM WITH MULTI-MODALITY APPLICATIONS (SIM/STED/STORM) APTITUDES FOR SUPER-RESOLUTION IN SPACE AND TIME

Nitsan Dahan, **Yael Lupu Haber**
Life-Sciences and Engineering Infrastructure Center, Microscopy Core Facility, Technion – Israel Institute of Technology, Haifa, Israel

P-8

A NANOSTRUCTURAL STUDY OF BLOOD SYSTEMS USING CRYOGENIC ELECTRON MICROSCOPY

Irina Davidovich[1], Carina Levin[2], Yeshayahu Talmon[1]
[1]*Department of Chemical Engineering and the Russell Berrie Nanotechnology Institute (Rbni), Technion – Israel Institute of Technology, Haifa, Israel, Israel*
[2]*Pediatric Hematology Unit, Emek Medical Center in Afula, Afula, Israel*

P-9

ELUCIDATING THE FORMATION OF NANOPOROUS BIOSILICA USING CRYO ELECTRON MICROSCOPY

Diede de Haan[1], Lior Aram[1], Nadav Elad[2], Katya Rechav[2], Eyal Shimoni[2], Assaf Gal[1]
[1]*Department of Plant and Environmental Sciences, Weizmann Institute of Science, Rehovot, Israel*
[2]*Department of Chemical Research Support, Weizmann Institute of Science, Rehovot, Israel*

P-10 - CANCELLED

P-11

OPTIMAL MULTI-CHANNEL WAVEFRONT SHAPING FOR HIGH DENSITY 3D LOCALIZATION MICROSCOPY

Boris Ferdman[1,2], Elias Nehme[2,3], Lucien Weiss[5], Tal Naor[2], Daniel Freedman[4], Tomer Michaeli[3], Yoav Shechtman[1,2]
[1]*Russel Berrie Nanotechnology Institute, Technion – Israel Institute of Technology, Haifa, Israel*
[2]*Biomedical Engineering Department and the Lorry I. Lokey Center for Life Sciences and Engineering, Technion – Israel Institute of Technology, Haifa, Israel*
[3]*Viterbi Faculty of Electrical Engineering, Technion – Israel Institute of Technology, Haifa, Israel*
[4]*Google Research, Google, Haifa, Israel*
[5]*Engineering Physics, Polytechnique Montréal, Montréal, Québec, Canada*

P-12

ENGINEERING THE POINT-SPREAD FUNCTION OF CONFOCAL MICROSCOPY

Lidan Fridman, Dvir Yelin
Department of Biomedical Engineering, Technion – Israel Institute of Technology, Haifa, Israel

P-13

THE STRUCTURAL BASIS FOR THE VIRULENCE AND HOST-PATHOGEN INTERACTIONS OF MICROBIAL AMYLOIDS

Nimrod Golan, Amit Parizat, Meytal Landau
Biology, Technion – Israel Institute of Technology, Haifa, Israel

P-14

GLUCOCORTICOIDS ENHANCE CHEMOTHERAPY-DRIVEN STRESS GRANULE ASSEMBLY AND PROMOTE GRANULE RIGIDITY LINKED TO CELL DEATH

Hila Hamiel[1], Avital Schwed-Gross[1], Gabriel P. Faber[1], Mor Angel[1], Rakefet Ben-Yishay[2], Dana Ishay-Ronen[2], Yaron Shav-Tal[1]
[1]*The Mina & Everard Goodman Faculty of Life Sciences & Institute of Nanotechnology, Bar-Ilan University, Ramat Gan, Israel*
[2]*Oncology Institute, Chaim Sheba Medical Center, Tel-Hashomer, Ramat Gan, Israel*

P-15

SEEING THE IMPULSE RESPONSE OF THE TYMPANIC MEMBRANE

Matan Hamra, Lidan Fridman, Rotem Yacoby, Dvir Yelin
Biomedical Engineering, Technion, Haifa, Haifa, Israel

P-16

HIGH CONTENT SCREENING AT ULTRASTRUCTURAL LEVEL OF HUMAN CELLS BY HMULTI-CLEM

Sarah Hassdenteufel, Nir Cohen, Yury Bykov, Maya Schuldiner
Molecular Genetics, Weizmann Institute of Science, Rehovot, (None), Israel

P-17

THE ROLE OF MODIFIER GENES IN EMBRYO AND TUMOR DEVELOPMENT – BRCA1 AS A MODEL

Hala Kassis, Dvora Kidron, Galia Tsarfaty, Judith Horev, Ilan Tsarfaty
Micro Biology and Clinical Immunology, Tel Aviv University, Tel Aviv, Israel

P-18

HOW cryo-EM ILLUMINATES THE UNIQUE TOPOLOGY AND PRE-LOADED RECEPTOR PRESENT WITHIN THE LASSA VIRUS' SPIKE COMPLEX

Michael Katz
Chemical and Structural Biology, Weizmann Institute of Science, Rehovot, Israel

P-19

SUPERVISED MACHINE LEARNING FOR THE QUANTIFICATION OF LIPID DROPLETS DYNAMICS

Nadav Kislev, Dafna Benayahu
Developmental and Cell Biology, Tel Aviv University, Tel Aviv, Israel

P-20

TARGETING ORGANELLE-ORGANELLE ORGANIZATION VIA MICROSCOPY-BASED HIGH-CONTENT PHENOTYPIC SCREENING AND GENERATIVE NEURAL NETWORKS

Naor Kolet[1], Alon Shpigler[2], Shahar Golan[3], Assaf Zaritsky[1]
[1]*Department of Software and Information Systems Engineering, Ben-Gurion University of the Negev, Beer-Sheva, Israel*
[2]*Department of Industrial Engineering & Management, Ben-Gurion University of the Negev, Beer-Sheva, Israel*
[3]*Department of Computer Science, Jerusalem College of Technology, Jerusalem, Israel*

P-21

MAPPING OF PHASE SEPARATION OF SUPRAMOLECULAR PROTEIN ASSEMBLIES BY LIVE-CELL HOLOTOMOGRAPHY MICROSCOPY

Orlando Marin, Arina Dalaloyan, Michael Elbaum
Chemical and Biological Physics, Weizmann Institute of Science, Rehovot, Rehovot, Israel

P-22

UNCOVERING THE ROLE OF PALLADIN IN THE MET/HGF AXIS IN BREAST CANCERS

Ori Mayer, Ohad Doron, Or Megides, Ori Moskowitz, Joshua Bugis, Ilan Tsarfaty, Noam Shomron
Faculty of Medicine, Cell and Developmental Biology, Tel Aviv University, Tel Aviv, Israel

P-23

UNRAVELING THE NUCLEAR ARCHITECTURE OF *PLASMODIUM FALCIPARUM* USING CRYO-SCANNING TRANSMISSION ELECTRON TOMOGRAPHY (CSTET)

Debakshi Mullick[1], Peter Kirchweger[2], Prabhu Prasad Swain[4], Michael Elbaum[1], Katya Rechav[5], Ron Dzikowski[3], Vera Mitesser[3], Neta Regev-Rudzki[6]

[1]*Department of Chemical and Biological Physics, Weizmann Institute of Science, Rehovot, Israel*
[2]*Department of Chemical and Structural Biology, Weizmann Institute of Science, Rehovot, Israel*
[3]*Department of Microbiology & Molecular Genetics, Hebrew University of Jerusalem-Hadassah Medical School, Jerusalem, Israel*
[4]*Laboratory for Bio- and Nano-Instrumentation, École polytechnique fédérale de Lausanne (EPFL), Laussane, Switzerland*
[5]*Chemical Research Support, Weizmann Institute of Science, Rehovot, Israel*
[6]*Department of Biomolecular Sciences, Weizmann Institute of Science, Rehovot, Israel*

P-24 - CANCELLED

P-25

UNRAVELING THE DYNAMICS OF NUCLEAR SPECKLES AND GENE EXPRESSION DURING HERPES VIRUS INFECTION

Shani Nadav Eliyahu[1], Sami Salminen[2], Vesa Aho[2], Salla Mattola[2], Maija Vihinen-Ranta[2], Yaron Shav-Tal[1]

[1]*Life Sciences, The Mina & Everard Goodman Faculty of Life Sciences & Institute of Nanotechnology, Bar-Ilan University, Ramat-Gan, Israel*
[2]*Biological and Environmental Science, Department of Biological and Environmental Science & Nanoscience Center, University of Jyväskylä, Jyväskylä, Finland*

P-26

LIVE CONFOCAL IMAGING OF GROWING ARABIDOPSIS ROOTS

Alessia Perilli[1], Yoni Koren[2], Oren Tchaicheeyan[2], Ayelet Lesman[2], Yasmine Meroz[1]

[1]*School of Plant Science and Food Security, Tel Aviv University, Tel Aviv, Israel*
[2]*School of Mechanical Engineering, Tel Aviv University, Tel Aviv, Israel*

P-27

USING EXPANSION MICROSCOPY TO STUDY THE FORM AND FUNCTION OF NUCLEAR ENVELOPE INVAGINATIONS IN ZEBRAFISH EMBRYONIC DEVELOPMENT

Ory Perlsman, Limor Freifeld

Bio-Medical Engineering, Technion – Israel Institute of Technology, Haifa, Israel

P-28

CUSTOM SAMPLING AND PROCESSING TECHNIQUES IN CRYO-SCANNING TRANSMISSION ELECTRON MICROSCOPY

Shahar Seifer, Michael Elbaum

Chemical and Biological Physics, Weizmann Institute of Science, Rehovot, Israel

P-29

UNCOVERING THE FUNDAMENTAL PRINCIPLES OF MUSCLE REGENERATION USING LIVE CELL IMAGING AND MACHINE LEARNING (PROPOSED AS A TANDEM TALK)

Amit Shakarchy[1], Giulia Zarfati[2], Yael Elbaz-Alon[2], Ori Avinoam[2], Assaf Zaritsky[1]

[1]*Software and Information Systems Engineering, Ben-Gurion University of the Negev, Beer Sheva, Israel*
[2]*Molecular Cell Biology, Weizmann Institute of Science, Rehovot, Israel*

P-30

APPLYING IN SILICO LABELING VIA TRANSFER LEARNING TO DISSECT ORGANELLE – ORGANELLE SPATIAL DEPENDENCIES

Kathrine Smoliansky, Assaf Zaritsky
Departments of Computer Science and Software and Information Systems Engineering, Ben-Gurion University of the Negev, Beer Sheva, Israel

P-31

SPATIAL BIOLOGY SOLUTIONS FOR BIOMARKER DISCOVERY

Robert Stad
Akoya Biosciences, Menlo Park, USA

P-32

ORGAN-ON-A-CHIP PLATFORM WHICH ENABLES SUPER RESOLUTION MICROSCOPY

Yfat Weiss[2], **Yifat Weiss**[1,3], Ofir Sade[1], Uri Ashery[1,3], Ben Maoz[2,3]
[1]*School of Neurobiology, Biochemistry and Biophysics, The George S. Wise Faculty of Life Sciences, Tel Aviv University, Tel Aviv, Israel*
[2]*Department of Biomedical Engineering, Tel Aviv University, Tel Aviv, Israel*
[3]*Sagol School of Neuroscience, Tel Aviv University, Tel Aviv, Israel*

P-33 - CANCELLED

POSTERS - Materials Science

P-34

METHODOLOGY FOR MEASURING THE ELASTIC AND INELASTIC MEAN FREE PATHS FOR SCATTERING OF FAST ELECTRONS IN TECHNOLOGICALLY IMPORTANT THIN-FILM OXIDES

Adham Basha[1], George Levi[1], Yang Li[3], Guy Ankonina[3], Pini Shekhter[2], Lior Kornblum[3], Ilan Goldfarb[1], Amit Kohn[1]

[1]*Department of Materials Science and Engineering, Tel Aviv University, Ramat-Aviv, Tel-Aviv, 6997801, Israel*
[2]*Center for Nanoscience and Nanotechnology, Tel Aviv University, Ramat-Aviv, Tel-Aviv, 6997801, Israel*
[3]*Andrew and Erna Viterbi Faculty of Electrical and Computer Engineering, Technion – Israel Institute of Technology, Haifa, 3200003, Israel*

P-35

HALLOYSITE BASED PICKERING EMULSIONS FOR AGRICULTURE

Avital Benhaim[1,2], Guy Mechraz

[1]*Institute of Postharvest and Food Science, Volcani Institute, Rishon Le Zion, Israel*
[2]*Institute of Biochemistry, Food Science and Nutrition, The Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem, Rehovot, Israel*

P-36

SOLID STATE DEWETTING OF Ni-Co BILAYERS ON SAPPHIRE: INSIGHTS ON PORE FORMATION

Anuj Bisht[1], Yuanshen Qi[2], Leonid Klinger[1], Eugen Rabkin[1]

[1]*Department of Materials Science and Engineering, Technion – Israel Institute of Technology, Haifa, Israel*
[2]*Department of Materials Science and Engineering, Guangdong Technion – Israel Institute of Technology, Guangdong, China*

P-37

WHAT ARE THE OPTIMAL CONDITIONS FOR DETECTION OF A SMALL PORE BY HIGH RESOLUTION TRANSMISSION ELECTRON MICROSCOPY?

Roei Broneschter, Wayne D. Kaplan

Material Science and Engineering, Technion – Israel Institute of Technology, Haifa, Israel

P-38

EXUDATION OF GLASS FROM GRAIN BOUNDARIES IN ALUMINA

Noy Fabri[1], Rachel Marder[1], Riccardo Rovai[2], Wayne D. Kaplan[1]

[1]*Materials Science and Engineering, Technion- Israel Institute of Technology, Haifa, Israel*
[2]*Ceramics, Industrie Bitossi, Florence, Italy*

P-39

TWO DIMENSIONAL (2D) DOPING PROFILE IN PATTERNED InP/InGaAs LAYERS USING PLASMA FOCUSED ION BEAM (PFIB)

Ilana Grimberg[1], Galit Atiya[2], Michael Klina[2], Yehuda Furst[1]

[1]*FA, SCD, Haifa, Israel*
[2]*Materials Science and Engineering, Technion – Israel Institute of Technology, Haifa, Israel, Israel*

P-40

SMART – DESIGN OF UNIVERSALLY DECORATED NANO – PARTICLES FOR DRUG DELIVERY APPLICATION DRIVEN BY ACTIVE TRANSPORT

Gal Halbi Yosipov[1], Itay Fayer[2], Dina Aranovich[1], Shachar Gat[1], Vitali Yeruhimowitz[1], Rony Granek[2,3], Anne Bernheim-Groswasser[1,3]

[1]*Chemical Engineering Department, Ben-Gurion University of the Negev, Beer Sheva, Israel*
[2]*Biotechnology Department, Ben-Gurion University of the Negev, Beer Sheva, Israel*
[3]*Ilse Katz Institute for Nanoscale Science and Technology, Ben-Gurion University of the Negev, Beer Sheva, Israel*

P-41

ENHANCED PHOTOCATALYTIC ACTIVITY OF Cs_4PbBr_6/ WS_2 NS HYBRID NANOCOMPOSITE

Philip Nathaniel Immanuel, Archana Byregowda, Lena Yadgarov

Chemical Engineering, Ariel University, Ariel, Israel

P-42

THE EFFECT OF SALTS ON THE NANOSTRUCTURE OF SLES AQUEOUS SOLUTIONS OBSERVED BY Cryo-TEM

Sapir Lifshiz[1], Werner Kunz[2], Yeshayahu Talmon[1]

[1]*Department of Chemical Engineering and the Russell Berrie Nanotechnology Institute (RBNI), Technion – Israel Institute of Technology, Haifa, Israel*
[2]*Institute of Physical and Theoretical Chemistry, University of Regensburg, Regensburg, Germany*

P-43

WRINKLING AND BUCKLING INSTABILITIES OF CONTRACTILE SUSPENDED ACTOMYOSIN SHEETS

Gefen Livne, Anne Bernheim

Chemical Engineering, Ben-Gurion University of the Negev, Beer-Sheva, Israel

P-44

HERALDED SPECTROSCOPY OF SINGLE NANOCRYSTALS REVEALS EXCITON-EXCITON INTERACTION

Gur Lubin[1], Ron Tenne[1,2], Arin Can Ulku[3], Ivan Michel Antolovic[3], Samuel Burri[3], Sean Karg[1], Venkata Jayasurya Yallapragada[1], Claudio Bruschini[3], Edoardo Charbon[3], Dan Oron[1]

[1]*Physics of Complex Systems, Weizmann Institute of Science, Rehovot, Israel*
[2]*Department of Physics and Center for Applied Photonics, University of Konstanz, Konstanz, Germany*
[3]*School of Engineering, École Polytechnique Fédérale de Lausanne (EPFL), Neuchatel, Switzerland*

P-45

GOLDEN VATERITE AS A MESOSCOPIC METAMATERIAL FOR BIOPHOTONIC APPLICATIONS

Andrey Machnev, Roman Noskov, Pavel Ginzburg

Electrical Engineering, Tel Aviv University, Tel Aviv, Israel

P-46

THE INFLUENCE OF CARBON ON THE MICROSTRUCTURE AND WEAR OF ALUMINA

Rachel Marder[1], Priyadarshini Ghosh[1], Li-Or Cohen[1], Ivar Reimanis[2], Wayne D. Kaplan[1]

[1]*Department of Materials Science and Engineering, Technion – Israel Institute of Technology, Haifa, Israel*
[2]*Metallurgical and Materials Engineering Department, Colorado School of Mines, Golden, CO, USA*

P-47

THIN LAYER BUCKLING IN PEROVSKITE $CsPbBr_3$ NANOBELTS

Emma Massasa[1], Rotem Strassberg[1,2], Amit Vurgaft[1,2], Yaron Kauffmann[1], Noy Cohen[1], Yehonadav Bekenstein[1,2]

[1]*Material and science engineering, Technion – Israel Institute of Technology, Haifa, Israel*
[2]*The Solid-State Institute, Technion – Israel Institute of Technology, Haifa, Israel*

P-48

EFFECT OF LOW ACCELERATION VOLTAGE SCANNING ELECTRON MICROSCOPE OPERATION PARAMETERS ON MICROGRAPH CONTRAST

Asia Matatyaho-Ya'akobi, Yeshayahu Talmon

The Department of Chemical Engineering and The Russell Berrie Nanotechnology Institute (RBNI), Technion-Israel Institute of Technology, Haifa, Israel

P-49

CATHODOLUMINESCENCE SPECTROSCOPY FOR ADVANCED MATERIAL SCIENCE

Nicolas MEDARD, Samuel SONDEREGGER

Analytical department, Attolight Ag, Lausanne, Switzerland

P-50

INSIGHTS INTO THE CHEMISTRY OF VAPOR PHASE INFILTRATION FOR IMAGING NON-FULLERENE ACCEPTORS

Oded Nahor[1], Anthony Cohen[2], Gitti L. Frey[1]

[1]*Department of Material Science and Engineering, Technion – Israel Institute of Technology, Haifa, Haifa, Israel*
[2]*Schulich Faculty of Chemistry, Technion – Israel Institute of Technology, Haifa, Haifa, Israel*

P-51

POLYELECTROLYTE COMPLEXES OF QPDMAEMA-b-POEGMA WITH DNA AND THE EFFECT OF SERUM ALBUMIN

Sapir Rappoport[1], Stergios Pispas[2], Yeshayahu Talmon[1]

[1]*Department of Chemical Engineering and the Russell Berrie Nanotechnology Institute (RBNI), Technion – Israel Institute of Technology, Haifa 3200003, Israel*
[2]*Theoretical and Physical Chemistry Institute, National Hellenic Research Foundation, 11635 Athens, Greece*

P-52

DOUBLE GAS TREATMENT: A SUCCESSFUL APPROACH FOR STABILIZING THE LI AND MN-RICH NCM CATHODE MATERIALS` ELECTROCHEMICAL BEHAVIOR

Hadar Sclar[1], Sandipan Maiti[1], Rosy Sharma[1], Judith Grinblat[2], Michael Talianker[3], Maria Tkachev[2], Merav Tsubery[1], Xiaohan Wu[4], Malachi Noked[1], Boris Markovsky[1], Doron Aurbach[1]

[1]*Department of Chemistry, Bar-Ilan University, Ramat-Gan, Israel*
[2]*Institute of Nanotechnology and Advanced Materials, Bar-Ilan University, Ramat-Gan, Israel*
[3]*Department of Materials Engineering, Ben-Gurion University of the Negev, Beer-Sheva, Israel*
[4]*1, BASF Se, Ludwigshafen, Germany*

P-53

TUNABLE MIE RESONANCE IN BAR- AND CUBE-LIKE GADOLINIUM NIOBATE: THEORY AND EXPERIMENT

Anastasiya Sedova[1], David Bermudez[2], Miriam M. Tellez-Cruz[3], Ciro Falcony[2]
[1]*Department of Chemical Engineering, Ariel University, Ariel, Israel*
[2]*Department of Physics, Centro de Investigación y de Estudios Avanzados del IPN, Ciudad de México, Mexico*
[3]*Department of Chemistry, Centro de Investigación y de Estudios Avanzados del IPN, Ciudad de México, Mexico*

P-54

GRAIN BOUNDARY MOBILITY OF ALUMINA AS A FUNCTION OF VARYING DOPANT CONCENTRATIONS

Yathreb Shalabi, Rachel Marder, Wayne Kaplan
Department of Materials Science and Engineering, Technion- Israel Institute of Technology, Haifa, Israel

P-55

A CRYO-TEM STUDY OF THE COMPLEXATION OF DOTAP LIPOSOMES WITH DIFFERENT POLYELECTROLYTES

Miriam Simon, Yeshayahu (Ishi) Talmon
Department of Chemical Engineering and The Russell Berrie Nanotechnology Institute (RBNI), Technion – Israel Institute of Technology, Haifa, Israel

P-56

HYBRID-PIXEL DETECTORS FOR TEM BY DECTRIS

Daniel Stroppa, Matthias Meffert, Darya Bachevskaya, Luca Piazza
DECTRIS, Ltd., Baden-Daettwil, Aargau, Switzerland

P-57 - CANCELLED

P-58

DYNAMICAL NATURE OF EXCITON-POLARITON COUPLING IN WS_2 NANOPARTICLES

Lena Yadgarov[1], Sudarson S. Sinha[2], Bojana Višić[3]
[1]*Chemical Engineering, Ariel University, Ariel, Israel*
[2]*Materials and Interfaces, Weizmann Institute of Science, Rehovot, Israel*
[3]*Institute of Physics Belgrade, University of Belgrad, Belgrade, Serbia*