

Project proposals for 2013					
Project acronym	Project title	Name of Project		Home Institution	Country of Home institution
		Family Name	First Name		
ISA-13-101	Synchrotron Radiation Circular Dichroism Spectroscopy of Soluble and Intrinsically-Disordered Protein Structure, Stability, and Folding	Wallace	Bonnie	University of London	UK
ISA-13-102	Synchrotron Radiation Circular Dichroism Spectroscopy of Membrane Proteins in Oriented Bilayers, 2D and 3D Crystals, and Micelles: Ligand Binding, Folding, Lipid Effects, and Comparison with Crystal Structures	Wallace	Bonnie	University of London	UK
ISA-13-103	Topological insulator phases in reduced dimensions	Wells	Justin	Norwegian University of Science and Technology	NO
ISA-13-104	Two Dimensional Electron Gas in δ -doped Ge(001)	Wells	Justin	Norwegian University of Science and Technology	NO
ISA-13-105	Photoemission study of interface formation between aluminium and low-k dielectric materials	Hughes	Greg	Dublin City University	IE
ISA-13-106	High resolution photoemission study of interface formation between MgO and sulphur passivated Ge(100) surface.	Hughes	Greg	Dublin City University	IE
ISA-13-107	Asymmetric Photolysis of Nucleotide Precursor Molecules	Meierhenrich	Uwe	Université de Nice-Sophia Antipolis	F
ISA-13-108	Investigation of spontaneous electric fields in CHCl_3 and CH_2Cl_2 solid films.	Plekan	Oksana	Sincrotrone Trieste	IT
ISA-13-109	Processes at modified surfaces of hexagonally structured metals.1) Adsorption of carbon monoxide on the Co/Re(0001) Interface	Godowski	Jan P.	University of Wroclaw	PL
ISA-13-110	Linear Dichroism Studies Metal Ion Impact on the Inhibition of Amyloid Aggregation Processes	Luczkowski	Marek	University of Wroclaw	PL
ISA-13-111	OREOcube Window Characterization	Ehrenfreund	Pascale	Leiden Institute of Chemistry	NL
ISA-13-112	Valence shell electronic spectroscopy of nitrocompounds as studied by high-resolution VUV photoabsorption measurements	Limão-Vieira	Paulo	Universidade Nova de Lisboa	PT
ISA-13-113	Electronic states spectroscopy of biofuels derivatives probed by VUV photoabsorption	Ferreira Da Silva	Filipe	Universidade Nova de Lisboa	PT
ISA-13-114	Vacuum ultraviolet study of some organic polyatomic molecules, with particular reference to Rydberg states in conjugated and heterocyclic systems.	Palmer	Michael	School of Chemistry	UK
ISA-13-115	Resonant Photoelectron Spectroscopy for the study of electron/hole pairs induced by UV	Domenichini	Bruno	Université de Bourgogne	FR
ISA-13-116	Investigation of the band topology on Bi(111)	Benia	Hadj M.	Max-Planck-Institute	DE
ISA-13-117	Metal ion binding of biologically active molecules – peptides, proteins and drug candidates.	Gyurcsik	Bela	University of Szeged	HU
ISA-13-118	Interactions of aromatic sidechains of amino acids in differing hydrophilic/hydrophobic environments to form organogels: implications for protein folding/misfolding in "prion-related" diseases	Rodger	Alison	University of Warwick	UK
ISA-13-119	Using Jacalin and related family members to identifying the contribution of fold motif and aromatic residue content in SRCD data	Janes	Robert	University of London	UK
ISA-13-120	Investigating wild-type Light Harvesting Complex IIb and related mutant protein stability and flexibility involved in organizing and regulating the thylakoid membrane	Krauss	Norbert	University of London	UK
ISA-13-121	Investigating wild-type Light Harvesting Complex IIb and the conformational changes that arise from quenching induced by excessive light or by drought stress	RUBAN	Alexander	University of London	UK
ISA-13-122	Investigating the involvement of Nedd4 and its substrate PMEPA1 in the progression of prostate cancer	Sullivan	James	University of London	UK
ISA-13-123	Conformational investigations of soluble and insoluble forms of Cyanophycins to support their application in the biotechnology industry	Janes	Robert	University of London	UK
ISA-13-124	Understanding the structural changes associated with the saliva protein statherin on binding to the mineral hydroxyapatite associated with teeth enamel	Paul	Anderson	University of London	UK
ISA-13-125	Temperature dependent Vacuum Ultra-Violet (VUV) spectroscopy of interstellar ice analogues (condensed phase)	Mason	Nigel	The Open University	UK
ISA-13-126	VUV photoabsorption studies of oxide thin films for environmental applications produced by sputtering.	Sério	Susanne	New University of Lisbon	PT

Project proposals for 2013					
Project acronym	Project title	Name of Project		Home Institution	Country of Home institution
		Family Name	First Name		
ISA-13-127	Angle-resolved photoemission spectroscopy on magnetically doped Bi-bilayers grown on topological insulator surfaces.	Wiebe	Jens	University of Hamburg	PT
ISA-13-128	Thin film growth and interface studies, related to the manufacturing of high current interest functional semiconductor systems.	Silva	Ana Gome	New University of Lisbon	PT
ISA-13-129	Photoabsorption spectra of simple cyclic ethers	Smialek-Telega	Malgorzata	Gdansk University of Technology	PL
ISA-13-130	Conformational studies on proteins and molecular complexes	Kursula	Petri	Centre for Structural Systems Biology, German Electron Synchrotron	DE
ISA-13-131	Formation of extended molecular nanowires on surfaces through covalent bonding between porphyrin building blocks.	Cafolla	Tony	Dublin City University	IE
ISA-13-132	Electronic structure of epitaxial graphene supported on titania	Baraldi	Alessandro	University of Trieste	IT
ISA-13-1001	Formation of thymine photodimers as a function of wavelength studied by VUV CD spectroscopy. The cyclobutane dimer versus the (6-4) photoproduct	Brøndsted	Steen	Aarhus University	DK
ISA-13-1002	Kinetics of DNA duplex formation studied by stopped flow VUV CD spectroscopy	Wyer	Jean Ann	Aarhus University	DK
ISA-13-1003	Interactions of Silver Ions with Amino Acids and Small Peptides Probed by VUV Circular Dichroism	Weber	J. Mathias	Aarhus University	DK
ISA-13-1004	Triplex Formation between cytosine and guanine DNA strands: A study of the involved conformational states and their dynamics.	Nielsen	Lisbeth Mu	Aarhus University	DK
ISA-13-1005	Electronic Spectroscopy with Polarized light on Aligned Samples	Spanget-Larsen	Jens	Roskilde University	DK
ISA-13-1006	Angle-resolved photoemission experiments on novel Dirac materials	Hofmann	Philip	Aarhus University	DK
ISA-13-1007	Use of Synchrotron Radiation Circular Dichroism to study the interaction of the septin from <i>Chlamydomonas reinhardtii</i> with model membranes	Lopes	Jose Luiz	Universidade de Sao Paulo	BR
ISA-13-1008	Study the electronic structure and electron dynamics of topological insulator thin films by ARPES.	Guan	Dandan	Dept. Of Physics, Shanghai	CH
ISA-13-1009	Modification of the absorption edge of anodized aluminium films with Ti doping	Canulescu	Stela	DTU Fotonik-Risø	DK
ISA-13-1010	Structural studies of bacterial pathogenesis factors and nanowires	Boesen	Thomas	Aarhus University	DK
ISA-13-1011	SRCD study of copper metallointercalators and their effect on biomacromolecule	Aldrich-Wright	Janice	University of Western Sydney	AUS
ISA-13-1012	Studies of new solids: spontaneous electric fields within thin films	Field	David	Aarhus University	DK
ISA-13-1013	Track reconstruction from MIMOSA detectors and BGO calorimetry	Uggerhøj	Ulrik	Aarhus University	DK