

| Project proposals 2011-2012 | | | | | | | |
|-----------------------------|--|-------------------------|------------|----------------------------------|---------|--|-----------------------------|
| Project acronym | Project title | Name of Project Manager | | | Support | Home Institution | Country of Home institution |
| | | Family Name | First Name | E-mail | | | |
| ISA-11-101 | Asymmetric Amino Acid Photolysis (AAP) | Meierhenrich | Uwe | Uwe.Meierhenrich@unice.fr | Y | Université de Nice-Sophia Antipolis | F |
| ISA-11-102 | Synchrotron Radiation Circular Dichroism Spectroscopy of Soluble Proteins, Colloid-Coils, Natively Disordered Proteins and Membrane Proteins: Ligand and drug binding, macromolecular interactions and thermal stability | Wallace | Bonnie | ubcg25a@mail.cryst.bbk.ac.uk | Y | University of London | UK |
| ISA-11-103 | Oriented Synchrotron Radiation Circular Dichroism of Proteins and Peptides in Membranes and Fibres | Wallace | Bonnie | ovenf. | Y | University of London | UK |
| ISA-11-104 | Thin Polar Molecular Films | Field | Tom | t.field@qub.ac.uk | Y | Queen's University Belfast | IRL |
| ISA-11-105 | Microfluidics proof of principle measurements for synchrotron radiation linear dichroism (SRLD) of biological molecules | Hicks | Matthew | matthew.hicks@warwick.ac.uk | Y | University of Warwick | UK |
| ISA-11-106 | Many-body interactions observed at semiconductor surfaces | McConville | Chris F. | c.f.mconville@warwick.ac.uk | Y | University of Warwick | UK |
| ISA-11-107 | | | | | | | |
| ISA-11-108 | | | | | | | |
| ISA-11-109 | Phase transformations of two-dimensional metal adsorbate on rhenium | Godowski | Jan P. | pjg@ifd.uni.wroc.pl | Y | University of Wroclaw | PL |
| ISA-11-110 | Interactions of aromatic sidechains of amino acids in differing hydrophilic/hydrophobic environments monitored in the extended SRCD wavelength range | Janes | Robert | r.w.janes@qmul.ac.uk | Y | University of London | UK |
| ISA-11-111 | Monitoring the conformational and thermal stability changes induced by the binding of selected steroids and steroid-like drugs to the estrogen receptors alpha and beta. | Janes | Robert | ovenf. | Y | University of London | UK |
| ISA-11-112 | Mechanistic and thermal stability studies on tropomyosin unfolding/folding wild-type and mutant proteins | Janes | Robert | ovenf. | Y | University of London | UK |
| ISA-11-113 | DNA film density measurements | Smialek-Telega | Malgorzata | smialek@mif.pg.gda.pl | Y | Gdansk University of Technology | PL |
| ISA-11-114 | | | | | | | |
| ISA-11-115 | | | | | | | |
| ISA-11-116 | Interfacial interactions involved in Mo(CO) ₆ /CO/Cu(111) system | Domenichini | Bruno | bruno.domenichini@u-bourgogne.fr | Y | Université de Bourgogne | FR |
| ISA-11-117 | Surface and interface chemistry of magnetic metal oxides | Driscoll | Judith | jd35@cam.ac.uk | Y | University of Cambridge | UK |
| ISA-11-118 | | | | | | | |
| ISA-11-119 | Photoemission studies of covalently bonded porphyrin networks | Cafolla | Attilio | cafollaa@dcu.ie | Y | Dublin City University | IE |
| ISA-11-120 | Structure-function relationships in membrane-associated proteins of the myelin sheath in the vertebrate nervous system | Kursula | Petri | petri.kursula@gmail.com | Y | Centre for Structural Systems Biology, German Electron Synchrotron | D |
| ISA-11-121 | | | | | | | |
| ISA-11-122 | electronic excitation of model systems of non polar liquids probed by VUV photoabsorption | Limão-Vieira | Paulo | plimaovieira@fct.unl.pt | Y | Universidade Nova de Lisboa | PT |
| ISA-11-123 | VUV photoabsorption studies on industrial relevant molecules | Nunes | Yuri | yuri@fct.unl.pt | Y | New University of Lisbon | PT |
| ISA-11-124 | Application of SRCD in the study of metal - protein and peptide interaction | Gyurcsik | Bela | gyurcsik@chem.u-szeged.hu | Y | University of Szeged | HU |
| ISA-11-125 | Size effects in metallic and semiconducting nanostructures on Si surfaces | Silva | Ana Gomes | acs@fct.unl.pt | Y | Universidade Nova de Lisboa | PT |
| ISA-11-126 | VUV spectroscopy of astrochemical ices | Mason | Nigel | N.J.Mason@open.ac.uk | Y | The Open University | UK |
| ISA-11-127 | Application of (V)UV CD Spectroscopy - Configuration Determination of the Natural Antibiotics Palau'amine and Its Derivatives in Solution | Techert | Simon | stecher@gwdg.dk | Y | Max Planck Institute | D |
| ISA-11-128 | Cardiac glycoside interactions with Na,K-ATPase studied with circular dichroism | Miles | Andrew | a.miles@mail.cryst.bbk.ac.uk | Y | Birkbeck College | UK |
| ISA-11-129 | Understanding the molecular basis of fibrin clot formation | Dafforn | Tim | t.r.dafforn@bham.ac.uk | Y | University of Birmingham | UK |
| ISA-11-130 | High resolution photoemission study of interface formation between MgO and the Ge(100) surface | Hughes | Greg | greg.hughes@dcu.ie | N? | Dublin City University | IE |
| ISA-11-131 | High resolution photoemission study of the interaction of selenium with the atomically clean InGaAs surface | Hughes | Greg | greg.hughes@dcu.ie | N? | Dublin City University | IE |
| ISA-11-1001 | Probing Fermi Level Pinning of Phosphorus Doped-Delta Layers in Silicon | Miwa | Jill | jull@usnw.edu.au | N | University of New South Wales | AUS |
| ISA-11-1002 | Characterisation of protein structures at the lipid-water interface of oil-water emulsions and liquid-crystalline nanoparticles | Aguilar | Mibel | mibel.aguilar@monash.edu | N | Monash University | AUS |
| ISA-11-1003 | On-Surface Generation of a Metal-Coordination Network from Tetrahydroxy-Benzene | Bebensee | Fabian | fabian@inano.au.dk | N | Aarhus University | DK |
| ISA-11-1004 | Photoreactions of Ethanol on rutile TiO ₂ (110) studied by APXPS | Wendt | Stefan | swendt@phys.au.dk | N | Aarhus University | DK |
| ISA-11-1005 | New Ferroelectric Materials studied by Cold Electron Scattering | Field | David | dfield@phys.au.dk | N | Aarhus University | DK |
| ISA-11-1006 | High-resolution photoemission studies on topological insulators and related compounds | Hofmann | Philip | philip@phys.au.dk | N | Aarhus University | DK |
| ISA-11-1007 | Structural studies of bacterial pathogenesis factors | Boesen | Thomas | thb@mb.au.dk | N | Aarhus University | DK |
| ISA-11-1008 | Protein formulation screening based on thermal stress and concomitant structural analyses | Bagger | Heidi | heidi.bagger@ferring.com | N | Ferring Pharmaceuticals | DK |
| ISA-11-1009 | Synchrotron CD Study of proteins and quadruplex DNA in the presence of metal complexes | Aldrich-Wright | Janice | J.Aldrich-Wright@uws.edu.au | N | University of Western Sydney | AUS |
| ISA-11-1010 | Electronic structure induced periodically modulated structures at metal surfaces | Diekhöner | Lars | ld@nano.auu.dk | N | Aalborg University | DK |
| ISA-11-1011 | Characterization of the thymine photodimer from synchrotron radiation circular dichroism experiments | Brøndsted | Steen | sbn@phys.au.dk | N | Aarhus University | DK |
| ISA-11-1012 | Electronic coupling between spatially separated DNA bases | Brøndsted | Steen | sbn@phys.au.dk | N | Aarhus University | DK |
| ISA-11-1013 | Structure of the complex between the yeast exosome component, Rrp6 and its RNA-binding partner, Rrp47 | Brodersen | Ditlev | deb@mb.au.dk | N | Aarhus University | DK |
| ISA-11-1014 | Structure of the DEAD-box helicase Sub2 and its interaction with Yra1 | Brodersen | Ditlev | deb@mb.au.dk | N | Aarhus University | DK |
| ISA-11-1015 | | Lauritsen | Jeppe | jvang@phys.au.dk | N | Aarhus University | DK |