

ELISA proposals 2010-2011

Project acronym	Project title	Name of Project Manager		Home Institution	Country of Home institution
		Family Name	First Name		
ISA-10-101	Oriented Synchrotron Radiation Circular Dichroism and Linear Dichroism Spectroscopy of Peptides in Model Membranes	Wallace	Bonnie	University of London	UK
ISA-10-102	Synchrotron Radiation Circular Dichroism Studies of Soluble Proteins, Natively Disordered Proteins and Membrane Proteins: Ligand and drug binding, macromolecular interactions and thermal stability	Wallace	Bonnie	University of London	UK
ISA-10-103	VUV absorption spectra of solid state organic monomer model compounds	Bredehöft	Jan Hendrik	University of Bremen	DE
ISA-10-104	O/OREOS Satellite Window Transmission Test	Ehrenfreund	Pascale	Leiden Institute of Chemistry	NL
ISA-10-105	Vicinal bismuth surfaces	Wells	Justin	NTNU, Norway	NO
ISA-10-106	High photon flux linear dichroism for rapid kinetic measurements of bacterial division machinery	Dafforn	Timothy R.	University of Birmingham	UK
ISA-10-107	Origin of the metallic conductivity in anatase Ti1-xNbxO2 films	Bourgeois	Sylvie	Université de Bourgogne	FR
ISA-10-108	(W,O2) reactivity towards K/TiO2(110) surfaces	Domenichini	Bruno	Université de Bourgogne	FR
ISA-10-109	Interactions of aromatic sidechains of amino acids in differing hydrophilic/hydrophobic environments monitored in the extended SRCD wavelength range	Janes	Robert	University of London	UK
ISA-10-110	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	University of London	UK
ISA-10-111	Mechanistic and thermal stability studies on tropomyosin unfolding/folding wild-type and mutant proteins	Janes	Robert	University of London	UK
ISA-10-112	Size effects of 1D template defined nanostructures on Si surfaces.	Silva	Ana Gomes	Universidade Nova de Lisboa	PT
ISA-10-113	Application of SRCD in the study of metal - protein and peptide interaction.	Gyurcsik	Bela	University of Szeged	HU
ISA-10-114	A photoemission study of covalently bonded porphyrin networks.	Cafolla	Attilio	Dublin City University	IE
ISA-10-115	The effect of sample orientation on the circular and linear dichroism spectra of silk proteins	Dicko	Cedric	University of Oxford	UK
ISA-10-116	Structure and membrane interactions of proteins specifically expressed in the vertebrate myelin sheath	Kursula	Petri	University of Oulu	DE
ISA-10-117	VUV photoabsorption spectroscopic studies on commercial and food additives related molecules	Limão-Vieira	Paulo	New University of Lisbon	PT
ISA-10-118	VUV photoabsorption studies on environmental relevant molecules	Nunes	Yuri	New University of Lisbon	PT
ISA-10-119	Tuning interfacial properties of pentacene by molecular monolayer on metal surfaces	Liu	Xianjie	Univ. Of Vienna, Austria	AT
ISA-10-120	VUV spectroscopy of astrochemical ices	Mason	Nigel	The Open University	UK
ISA-10-121	Measurements of VUV absorption DNA dry films	Smialek-Telega	Malgorzata	Gdansk University of Technology	PL
ISA-10-122	Secondary structural composition of the cytochrome c heme lyase protein based on CD spectroscopy	Zimányi	László	Biological Research Center of the Hungarian Academy of Sciences	HU

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ISA-10-123	Asymmetric Amino Acid Photolysis (AAP)	Meierhenrich	Uwe	Université de Nice-Sophia Antipolis	FR
ISA-10-124	Domain interactions in Na,K-ATPase studied with circular dichroism	Miles	Andrew	Aarhus University	DK
ISA-10-125	The interaction of bromine and bromophenyl-porphyrin with germanium surfaces	McGovern	Ignatius	Trinity College, Dublin	DK
ISA-10-126	PHASE TRANSFORMATIONS OF TWO-DIMENSIONAL METAL ADSORBATE ON RHENIUM	Godowski	Jan P.	University of Wroclaw	PL
ISA-10-127	Super polarization of films	Field	Tom	Queen's University Belfast	UK
ISA-10-128	Electron-phonon coupling in graphene/Ir(111): a temperature dependent study.	Baraldi	Alessandro	University of Trieste	IT
ISA-10-129	ARPES studies of sub-band renormalization in quantum wells at semiconductor surfaces	McConville	Chris F.	University of Warwick	UK
ISA-10-130	Density-dependent many-body interactions at InAs and InSb surfaces	McConville	Chris F.	University of Warwick	UK
ISA-10-131	Development of automated sample delivery for screening of large numbers of CD and LD samples	Hicks	Matthew	University of Warwick,	UK
ISA-10-132	VUV CD of DNA triplexes: A route to obtain the spectrum of the guanine-cytosine Watson-Crick base pair	Holm	Anne I.S.	Stockholm University	SE
ISA-10-133	Synchrotron CD Study of $\alpha$ -synuclein in the presence of metal complexes	Kelly	Sharon	University of Glasgow	UK
ISA-10-134	Photoemission characterisation of self-forming diffusion barrier layers on silicon oxides	Hughes	Greg	Dublin City University	IE
ISA-10-135	High resolution photoemission study of insitu sulphur passivation of InGaAs	Hughes	Greg	Dublin City University	IE
ISA-10-1001	Investigation of the k-dependence of the surface electron-phonon mass-enhancement factor of Cr(001)	Bode	Matthias	Argonne National Laboratory	USA
ISA-10-1002	Electronic Spectroscopy with Polarized light on Aligned Samples	Spanget Larsen	Jens	spanget@ruc.dk	DK
ISA-10-1003	SRLD studies of fibrilated proteins	Otzen	Daniel	Aarhus University	DK
ISA-10-1004	Cold electrons in solids	Field	David	Aarhus University	DK
ISA-10-1005	XPS studies of molybdenum sulfide nanoclusters on Au(111) and TiO <sub>2</sub>	Lauritzen	Jeppe Vang	Aarhus University	DK
ISA-10-1006	SiC surface studies: "Intrinsic" and extrinsic surface properties, interfacial reactions with insitu grown thin films of SiO <sub>2</sub> , Si <sub>3</sub> N <sub>4</sub> , and Al <sub>2</sub> O <sub>3</sub> , and surface reaction dynamics with gases (N <sub>2</sub> (+N*), O <sub>2</sub> , and H <sub>2</sub> (+H*)).	Morgen	Per	Syddansk Universitet	DK
ISA-10-1007	Synchrotron radiation circular dichroism spectra of PNAs and their complexes with DNA	Nielsen	Steen Brøndsted	Aarhus University	DK
ISA-10-1008	Absorption measurements of semiconductor nanocrystals embedded in SiO <sub>2</sub>	Têtu	Amélie	Aarhus University	DK
ISA-10-1009	Growth of TiO <sub>2</sub> particles on a Au(111) surface	Kudernatsch	Wilhelmine	Aarhus University	DK
ISA-10-1010	Droplet formation from charged particle irradiation under atmospheric conditions	Uggerhøj	Ulrik	Aarhus University	DK
ISA-10-1011	Oriented CD on antimicrobial peptides	Nielsen	Søren Bang	Aarhus University	DK
ISA-10-1012	High-resolution photoemission studies on topological insulators and related compounds	Hofmann	Philip	Aarhus University	DK

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ISA-10-1013	Attachment of gold and silver nanoclusters on differently prepared TiO <sub>2</sub> (110) surfaces	Wendt	Stefan	Aarhus University	DK
ISA-10-1014	Determination of Hydrochlorinated Tetra-amino Benzene TAB(H	Linderoth	Trolle R.	Aarhus University	DK