

Period 2006-2007		Name of Project Manager	
Project No.	Project Title	Family Name	First Name Initial(s)
ISA 101	Electronic excitation and optical oscillator strength of monohalogenated alkenes and heterocyclic molecules by high resolution UV-VUV photoabsorption. The case of bromide- and iodide-derivatives.	Franskin-Hubin	M.-J.
ISA 102	Photoionisation of multiply-charged ions of the iron isonuclear sequence	Bizau	J.-M.
ISA 104	Effects of photoirradiation of biotic and prebiotic materials	Leach	S.
ISA 112	Electronic Spectroscopy with Polarized light on Aligned Samples	Waluk	J.
ISA 113	Ultrastructural Studies of Sperm using X-ray Microscopy	Chantler	E.
ISA 121	Structural investigation of spider silk proteins and fibres	Vollrath	F.
ISA 122	Fermi surface, electronic and transport properties of MgB2 films epitaxially grown on SiC(0001)	Goldoni	A.
ISA 124	Compositional order of cobalt-based bimetallic alloys on the nanometer scale	Godowski	J.P.
ISA 133	Detection of reactive species in a plasma etching reactor by ultraviolet absorption spectroscopy	Booth	J.-P.
ISA 134	SRCD beamline studies and investigations of protein DNA interactions in the VUV	Wien	F.
ISA 135	Synchrotron Radiation Circular Dichroism Studies of Na/K-ATPase	Wallace	B.
ISA 136	BaSiO3 as alternative dielectric material ?	Imhoff	L.
ISA 137	Photoemission and x-ray absorption studies of ultrathin MgO films on InP substrates	Hughes	G.
ISA 138	Effects on thermal stability and conformational changes induced by ligand/drug binding and mutations in proteins involved in critical disease states	Janes	R. W.
ISA 139	Interactions of aromatic sidechains of amino acids in differing hydrophilic/hydrophobic environments monitored in the extended SRCD wavelength range	Janes	R. W.
ISA 140	Precursors for bi-atomic nano clusters	Domenichini	B.
ISA 141	Precursors for bi-atomic nano clusters. Gold	Domenichini	B.
ISA 142	Resonance structure in total cross sections for electron scattering from selected molecules	Hotop	H.
ISA 143	Photoionization cross section measurements on multiply charged Sr, Si and Mn ions	West	J.B.
ISA 144	High resolution low energy electron scattering by gas phase and condensed phase molecules.	Field	T
ISA 145	Exploitation of Synchrotron Radiation Circular Dichroism in view of structural determinations of starch its hydrolysis by acids or enzymes, its polymorphic transitions induced by hydrothermal treatments and its complexing properties.	Wien	F.
ISA 146	Surface electronic properties of La _{1-x} Sr _x MnO ₃ after ultra thin layer deposition	Dediu	V.
ISA 147	A high resolution, angle dependent near edge x-ray absorption fine structure (NEXAFS) study of tetratert-butyl-copper phthalocyanine (4t-Bu-CuPc) on Cu(100).	Cafolla	A.
ISA 148	Synchrotron Radiation Circular Dichroism Studies of Soluble and Membrane Proteins: Ligand binding and fold recognition	Wallace	B.A.
ISA 149	vuv characterization of poma, mmadr13 and pazo solutions	Raposo	M.
ISA 150	Vuv characterization of layer-by-layers films with electronic and phonic proprieties- ph and sal	Raposo	M.
ISA 151	Structure - SRCD spectral properties relationship in the aqueous solutions of simple peptides.	Gyurcsik	B.
ISA 152	UV induced damage to DNA	Mason	N.J.
ISA 153	VUV spectroscopy of astrochemical ices	Mason	N.J.
ISA 154	VUV spectroscopy of biomolecules and other biogenic molecular species	Limao-Vieira	P.
ISA 155	VUV spectroscopy of Plasma etching gases	Mason	N.J.
ISA 156	Adsorption of ethanole upon a thin film of TiO2(110) grown on silicon	Bourgeois	S.
ISA 157	Metal nanoparticles on carbon materials	Højbjerg Andersen	T.
ISA 158	Energy resolved spectroscopic investigation of surface and interface properties of different buffer/absorber combinations in chalcopyrite thin film solar cells	Lauermann	I.

ISA 159	Measurement of the CD-spectra of solid state amino acids and diamino carboxylic acids	Meierhenrich	U.J.
ISA 1115	Bimetallic surfaces including Pd. A study in surface alloying and gas adsorption characteristics	Onsgaard	J.
ISA 1124	Structural Characterization of the Lotus japonicus ARG2 protein	Stougaard	J.
ISA 1130	XPS analysis of bonding states of Plasma Vapour Deposited (PVD) AlN and Plasma Enhanced Chemical Vapour Deposition (PECVD) of Si ₃ N ₄	Nielsen	L.P.
ISA 1131	Electronic properties of cyclodextrins and poly proline.	Johannessen	C.
ISA 1132	Interactioun of cold electrons with solids	Field	D.
ISA 1133	A PES and NEXAFS study of organic thin films on a TiO ₂ (110) crystal surface	Bæk Simonsen	J.
ISA 1134	ZnO cluster growth on oxidized Ni3Al(111) surface	Juul Møller	P.
ISA 1135	Three-dimensional nanostructures- and ultra thin film nano-systems on Si surfaces	Morgen	P.
ISA 1136	ALICE FMD Si-strip detector test	Svane Nielsen	B.
ISA 1137	Commissioning of the new hemispherical electron analyzer at the SGM-3 beamline	Hofmann	P.
ISA 1138	Electron-phonon coupling on Al(100)	Hofmann	P.
ISA 1139	Interaction between integrins and the multiple sclerosis drug glatiramer acetate	Vorup-Jensen	T.
ISA 1140	XPS of silica compounds	Søgaard	E.G.
ISA 1141	protein-detergent vEffects of glycosylation on protein properties - An investigation of detergent induced structural changes of the glycosylated enzyme peniophora lycii Phytase	Bagger	H.L.
ISA 1142	Structural Studies of Sugars, DNA/RNA/LNA Segments and LNA:RNA Hybrids by Synchrotron Radiation Circular Dichroism	Brøndsted Nielsen	S.
ISA 1143	SRCD studies of dry phase and fibril forming proteins.	Otzen	D.
ISA 1144	CD analysis of Therapeutic Proteins	Mortensen	S.B.
ISA 1145	Proteins adsorbed to modified glass surfaces	Kingshott	P.
ISA 1146	Interaction of TiO ₂ (110) with oxygen and water	Wendt	S.
ISA 1147	Characterization of the bonding of Au clusters on various TiO ₂ (110) surfaces	Wendt	S.