Monday, 22 September

HALL, 1ST FLOOR	**7.45**	**Participants Registration**		
AULA AMALDI	**8.45 - 9.00**	**Welcome address and introduction to the To-Be COST Action** *Fabio Miletto*, CNR SPIN, Naples, Italy - Action chair -		
	9.00 - 12.00	**WG1 Fundamental Understanding** 09.00 "Exploring orderings and spin-orbital driven phenomena in 4d based oxides" *Mario Cuoco*, CNR SPIN, Salerno, Italy (WG1 - T2 "Theory" Leader) *Invited speakers* 09.25 "Electric-field control of magnetic order just above room temperature" *Agnes Barthelemy*, CNRS and University of Paris, France 09.50 "Can Polar Boundary Conditions be Applied to Binary Oxides? The Case of the Anatase $TiO_2/LaAlO_3$ Interface" *Harold Hwang*, Stanford University, USA 10.15 "Designing Electronic Phases at (001) and (111) oriented pervoskite superlattices" *Rossitza Pentcheva*, University of Duisburg-Essen, Germany		
HALL 2ND FLOOR	**10.40 - 11.10**	**Coffee break**		
AULA AMALDI		11.10 "Probing the physics of complex oxide interfaces with scanning SQUID microscopy" *Beena Kaliski*, University of Bar-Ilan, Israel 11.35 "Ultrafast magnetic dynamics in nickelates heterostructures" *Andrea Caviglia*, University of Delft, the Netherlands		
HALL 2ND FLOOR	**12.00 - 14.40**	**Poster session**	**12.00 -13.15**	**AULA AMALDI** **WG1 roundtable***
			13.15	**Lunch break**
AULA AMALDI	**14.40 - 17.25**	**WG2 Thin Film Growth** 14.40 "Growth control of oxide epitaxial films and heterostructures" *Gertjan Koster*, MESA+/ University of Twente, The Netherlands (WG2 Leader) 15.05 "Large Area Scaleable Oxide Devices" *Judith Driscoll*, University of Cambridge, UK (WG2-T1 "Large area growth" Leader) 15.30 "Perovskites on silicon" *Florencio Sanchez*, ICMAB Barcelona, Spain (WG2-T2 "Perovskite-on-Si" Leader)		
HALL 2ND FLOOR	**15.55 - 16.10**	**Coffee break**		
AULA AMALDI		16.10 "In-situ characterization methods of growth process of complex oxide thin films: current status and future trends" *Alexei Kalaboukhov*, University of Chalmers, Sweden (WG2-T3 "Real-time monitoring" Leader) *Invited speakers* 16.35 "Integration of complex oxides with semiconductors" *Charles Ahn,* Yale University, USA 17.00 "Interfaces of $SrTiO_3/LaAlO_3$ studied by Low Energy Electron Microscopy" *Jan Aarts*, Leiden University, The Netherlands		
SALA DIREZIONE	**17.30 - 18.45**	**WG2 roundtable***		
20.00		**Social dinner** at *La Limonaia (Via L. Spallanzani, 1/A)*		

Tuesday, 23 September

AULA AMALDI	**8.30 - 11.30**	**WG3 Towards Applications** 08.30 "Oxide thin films: Towards energy and information Applications" *Nini Pryds*, Technical University of Denmark, Denmark (WG3 Leader) 08.55 "Transition Metal Oxide Nanoelectronics" *Hans Boschker*, MPI Stuttgart, Germany (WG3-T1 "Nanoelectronics" Leader) 09.20 "Microactuation and microsensing devices based on epitaxial $Pb(Zr,Ti)O_3$ thin films" *Alessi Sambri*, University of Naples Federico II, Italy (WG3-T2 "μ-actuation/μ-sensing" Leader) *Invited speakers* 09.45 "Going nano to convert energy: Ionic conductivity of oxide thin films and superlattices" *Enrico Traversa*, KAUST, Saudi Arabia		
HALL 2ND FLOOR	**10.10 - 10.40**	**Coffee break**		
AULA AMALDI		10.40 "Electroresistance in ferroelectric tunnel junctions" *Josep Fontcuberta*, ICMAB Barcelona, Spain 11.05 "Ceria-based electrostrictors: materials for Si-integrated MEMS" *Igor Lubomirsky*, Weizmann Institute of Science, Israel		
PARALLEL MEETINGS	**11.30 - 13.00**	**HALL 2ND FLOOR** **Poster session**	**11.30 - 12.45**	**SALA DIREZIONE** **WG3 roundtable***
HALL 2ND FLOOR	**13.00 - 14.15**	**Lunch break**		
PARALLEL MEETINGS	**14.15 - 16.15**	**AULA RASETTI** **Management committee meeting** (closed doors meeting)	**AULA AMALDI** **ESR Meeting****	
HALL 2ND FLOOR	**16.15 - 16.30**	**Coffee break**		
PARALLEL MEETINGS	**16.30 - 18.15**	**AULA RASETTI** **WG0 Organizational meeting**[#]	**AULA AMALDI** **ESR Meeting****	

* Working group (WG) roundtables are organizational meetings to plan the next steps of the To-Be Action. They are open to researchers who have joined the action, or are willing to do so, interested in contributing to that particular WG.

[#] WG0 is the organizational WG of the Action. The WG0 is opened to researchers who have joined the action and are willing to actively contribute to its operative aspects.

** The Early stage researchers (ESR) meeting is aimed at empowering the role of ESRs within the To-Be action. ESRs are defined as researchers < 8 years from the award of their PhD