Program for the SPP 1613 Kick-off Meeting, Kardinal-Schulte-Haus Bergisch Gladbach, 8-9 October 2015

7th October 2015:

Arrival

19:30 Dinner

8th October 2015:

ID	Time	Applicants	Topic
	07:30 – 09:00		**Breakfast**
	09:00 – 09:10	**Jaegermann, Darmstadt**	**Welcome / Introduction**
1	09:10 – 09:35 3 projects	Bahnemann, Hannover Bredow, Bonn Wark, Oldenburg	Ferrites for photoelectrochemical water splitting
2	09:35 – 10:05 4 projects	Bein, München Fattakhova-R., München Pentcheva, Duisburg Scheu, Düsseldorf	Metal oxide nanostructures for electrochemical and photoelectrochemical water splitting
3	10:05 – 10:35 4 projects	Behrens, Essen Fischer, Freiburg Lerch, Berlin Schedel-Niedrig, Berlin	Novel thin film composites and co-catalysts for visible light-induced water splitting
4	10:35 – 11:00 3 projects	Beránek, Bochum Devi, Bochum Eichberger, Berlin	Development of optimum bandgap photoanodes for tandem water-splitting cells based on doped complex metal oxides and III-V semiconductors coupled to water oxidation electrocatalysts
	11:00 - 11:30		**Coffee break**
5	11:30 – 11:55 3 projects	Dau, Berlin Fiechter, Berlin Kurz, Freiburg	Development of catalysts, namely manganese oxides and molybdenum sulphides, for implementation in a light-driven water-splitting device using a multi-junction solar cell
6	11:55 – 12:20 3 projects	Fiechter, Berlin Ludwig, Bochum Schuhmann, Bochum	High-throughput characterization of multinary transition metal oxide and oxynitride libraries. New materials for solar water splitting with improved properties
7	12:20 – 12:45 3 projects	Finger, Jülich Jaegermann, Darmstadt Kaiser, Darmstadt Schäfer, Darmstadt	Photoelectrochemical water splitting using adapted silicon based semiconductor multi-junction cell structures
8	12:45 – 13:00 1 project	Jooß, Göttingen	In-situ environmental TEM studies of electro- and photoelectrochemical systems for water splitting
	13:00 – 14:15		**Lunch**

9	14:15 – 14:30 1 project	Klüner, Oldenburg	Quantum chemical and quantum dynamical studies of the photocatalytic water splitting on titanium dioxide surfaces
10	14:30 – 14:45 1 project	Mathur, Köln	PhotoElectroChemical applicCation of Uranium oxides for enhanced LIght AbsoRption (PECULIAR)
11	14:45 – 15:00 1 project	Marschall, Gießen	Sustainable solar energy conversion with defined ferrite nanostructures
12	15:00 – 15:20 2 projects	Muhler, Bochum Winterer, Duisburg	Zn-doped Gallium Oxynitride Nanoparticles as Efficient Photocatalyst for Water Splitting
13	15:20 – 15:35 1 project	Schmuki, Erlangen	Ta3N5 nanotubes and -rods: doping, band-gap engineering and stabilization (co-catalysis)
	15:35 - 16:05		**Coffee break**
14	16:05 – 16:25 2 projects	Strasser, Berlin Teschner, Berlin	Nanostructured mixed metal oxides for the electrocatalytic oxidation of water
15	16:25 – 16:40 1 project	Toimil-Molares, Darmstadt	Investigation and optimization of the physical processes in light induced water splitting with 3D nanowire model systems
16	16:40 – 16:55 1 project	Weidenkaff, Stuttgart	Photocatalytic anion substituted perovskite phases PAP
	16:55 – 19:00		Poster session & cooperation discussions
	19:00		**Dinner**

9th October 2015:

	07:00 – 08:30		**Breakfast**
	08:30 – 09:00	Mohren, DFG, Bonn Behnke, DFG, Bonn	Funding opportunities in the context of Knowledge Transfer
	09:00 – 10:00		Organizational topics: coordination board, advisory board, organization of cooperation, time table and organization of SPP
	10:00 – 11:00		Discussion of cooperation 1: structural needs and organization
	11:00 - 11:30		**Coffee break**
	11:30 – 12:30		Discussion of cooperation 2: topical areas
	12:30 – 13:30		**Lunch**

13:30 Departure