Agenda Ringberg Workshop Oct 2012		
Monday, 29.10.	**Tuesday, 30.10.**	**Wednesday, 31.10.**
	9:00 - 9:30 **David Graves:** 1. New Developments at UC Berkeley in Plasma Healthcare. 2.Surface Microdischarge Modeling and Experiments.	9:00 - 9:30 **Oleg Petrov:** Plasma Medicine Project at JIHT RAS: Results and Progress.
	9:30 - 9:45 **Julia Heinlin**: Contact-free Inactivation of *Trichophyton rubrum* and *Microsporum canis* by Cold Atmospheric Plasma Treatment.	09:30 - 10:00 **Georgi Naidis:** The Physics of Cold Atmospheric-Pressure Plasma Jets.
	9:45- 10:00 **Elena Sysolyatina**: Input of Synergy of Plasma Components into the Total Bactericidal Plasma Effect.	
	10:00 - 10:15 **Jin Jeon:** The Individual Role of Different Reactive Species by the Bactericidal Efficacy by Surface Micro-Discharge.	10:00 - 10:15 **Mikhail Vasiliev:** Spectral Diagnostics of Low Temperature Atmospheric SHF Argon Plasma.
	10:15 - 10:30 **Tim Maisch:** DNA Damage is not the Primary Target of CAP to Destroy Bacteria like *Deinococcus Radiodurans.*	
	10:30 - 11:00 Coffee Break	10:15 - 10:45 Coffee Break
	11:00 - 11:30 **Birte Ahlfeld**: Cold Atmospheric Plasma Treament of Norovirus.	10:45 - 11:15 **Evgeny Maevskii and Liudmila Bogdanova:** Comparison of Two Types of Low-Temperature Argon Plasma Generators when Exposed to Various Biological Objects.
	11:30 - 11:45 **Yang-Fang Li:** Probe the Structural Change from Plasma Treatment: Bacteria, Spores and Viruses.	11:15 - 11:30 **Leila Taghizadeh:** The Lethal Effect of Electric Field Produced by Plasma on Microorganisms.
	11:45 - 12:00 **Tobias Klämpfl:** Clostridium Difficile Disinfection: Mission Difficile.	
	12:00 - 12:15 **Satoshi Shimizu:** Decontamination of Spores: Application of CAP to Space Missions Regarding Planetary Protection.	
13:00 Departure of the bus in front of the MPE building.	12:30 - 14:00 Lunch	12:30 - 14:00 Lunch
	14:00 - 14:30 **Yuri Akishev:** Physical Reasons Resonsible for Difference and Synergism in a Bacteria Inactivation by Steady Positive and Negative Coronas in Ambient Air.	14:00 Departure of the bus in front of the castle
14:45 - 15:00 **Gregor Morfill:** Welcome.	14:30 - 15:00 **Anindita Mitra:** Cold Atmospheric Plasma Application on Seed Germination.	
15:00 - 15:30 **Julia Zimmermann:** New Developments from our Plasma Medicine Network.	15:00 - 15:30 **Jürgen Schlegel:** Update: Cold Atmospheric Plasma and Cancer Treatment.	
15:30 - 16:00 Coffee Break	15:30 - 16:00 Coffee break	
16:00 - 16:30 **Georg Isbary:** An Update about Plasma Medicine in Schwabing.	16:00 - 16:30 **Anja Bosserhoff:** Effects of CAP on Melanoma.	
16:30 - 16:45 **Sigrid Karrer and Stephanie Arndt:** Cold Atmospheric Plasma Changes Gene Expression of Key Molecules of the Wound Healing Machinery and Improves Wound Healing *in vitro* and *in vivo.*	16:30 - 17:00 **Julia Köritzer:** Treatment of Resistant Glioma Cells with CAP.	
16:45 - 17:00 **Veronika Boxhammer:** Plasma in Cell Cultures - Artificial or Model?		
17:00 - 17:15 **Christian Welz:** Effect of CAP on Mucosal Tissue and Cells.	17:00 - 17:30 **Wolfgang Baumeister:** Electron-Cryo Microscopy: From Molecules to Cells.	
17:15 - 17:30 **Irina Malashenkova and Nikolay Didkovsky:** The Influence of Argon Plasma in the Short Cultivating Peripheral Blood Mononuclear Cells *in vitro* .		
17:30 - 17:45 **Victor Vasilets:** Plasma Therapy of Internal Diseases.		clinical studies; cell culture *in vitro* studies (healthy tissue, cells)
17:45 - 18:15 **Wolfram Bunk and Tetsuji Shimizu:** Preliminary Inhalation Experiment.		microbiology
18:30 - 20:00 Dinner	19:00 Bavarian Dinner	cell culture *in vitro* studies (cancer cells)
20:30 - 21:00 **Markus Thoma:** Plasmaphysics under Microgravity.	20:00 - open end Discussions	plasma physics and diagnostics
21:00 - open end Discussions		