ASL White Background Meeting (follow up from White Paper)...

**Sunday March 1**

*Arrival during the day*

4:00-4:30pm: Welcome (X. Golay)
4:30-5:30pm: Quality Control & Perfusion phantom session - Chair X. Golay  
   1) Andrea Federspiel on Bernese perfusion phantom (15 min)  
   2) Aaron Oliver-Taylor on GSP phantom (15 min)
5:30-6:30pm: Brainstorming on funding continuation for COST Action
6:30-7:30pm: dinner
8:00-9:30pm: ASL Pub Quiz – MCs R. Achten / M. Chappell

**Monday March 2**

7:30am: breakfast

8:00-10:00am: Debate on partial volume correction (PVC) – Chair M. Chappell  
   1) Introduction (M. Chappell) - Why PV is an issue in ASL?  
   2) Applications of PVC (I. Asslani) - Applications - an overview of where PVC has been used with ASL to date.  
   3) Proposer: PVC is essential! (J.A. Hernandez Tamames)  
   4) Opponent: Who cares about PVC? (T. van Osch)

10:00am-3:00pm: Free

3:00-4:00pm: Poster viewing
4:00-6:30pm: Software testing for ASL quantification – Chair R. Achten  
   *Please bring your own datasets and your computer to be able to test them*  
   1) ASAP. V. Mato Abad  
   2) Mevislab. F. von Samson-Himmelstjerna  
   3) BASIL (FSL). M. Chappell

6:30-7:30pm: dinner

8:00-9:30pm: Invited speaker: Prof. Bruno Weber (Zurich) – Chair M. Guenther
**Tuesday March 3**

**7:30am:** breakfast

8:00-9:30am:  Journal club on recent papers – Chair M. Guenther


**9:30-10am:** Discussion on How to use ASL for cerebrovascular flow-reserve testing? (O.M Henriksen)

**10:00am-3:00pm:** Free

3:00-4:00pm:  Poster viewing

4:00-6:30pm:  Proffered abstracts + Good-bye

4:00-4:20pm ASL as a tool in epidemiology studies. Vilmundur Gudnason

4:20-4:32pm ASL parameters influence signal variability and estimated regional relative cerebral blood flow in normal aging and MCI: FAIR versus PICORE techniques. Sven Haller

4:32-4:44pm Using MRI Arterial Spin Labelling to investigate cerebral perfusion in frontotemporal dementia. Helen Baumont

4:44-4:56pm A General Model to Calculate the Spin--- Lattice Relaxation Time of Blood, accounting for Haematocrit, Oxygen Saturation and Magnetic Field Strength. Patrick Hales

4:56-5:08pm Robust Inter-Pulse Phase Correction for Brain Perfusion Imaging at Very High Field using Pseudo-Continuous Arterial Spin Labeling (pCASL). Lydiane Hirschler

5:08-5:20pm Does extreme prematurity affect adult brain vessel compliance? A preliminary MRI study. Isaac Huen

5:20-5:32pm A novel method to estimate labeling efficiency for pseudo-continuous arterial spin labeling imaging. Zhensen Chen

5:32-5:44pm Prospectively motion-corrected pCASL with a 3D GRASE readout using an optical tracking system. Benjamin Knowles

5:44-5:56pm Standardisation and Quality Control of ASL Scans in Multicenter Neuroimaging Studies. Cédric Meurée

5:56-6:08pm Long-term repeatability of pCASL measurements under clinical conditions. Jan Petr