Wednesday, Nov. 11
8:00 am Registration / Continental breakfast
8:20 am Hantao Ji Welcome

Session I: Applications of B fields to ICF
8:30 am No title
John Perkins (presented by John Moody), LLNL
8:55 am Improving inertial fusion with external magnetic fields
Jonathan Davies, LLE
9:20 am Magnetic field modeling of inertial confinement fusion experiments
Adam Sefkow, SNL
9:45 am Towards predictive laser fusion fluid simulations, with application to shock ignition and exploding pusher implosions
Stefano Atzeni, U. Roma
10:10 am Discussion
10:40 am Break

Session II: Generation and Dynamics of B Fields
11:00 am Magnetized transport in HED plasmas
Martin Read, U. York
11:25 am Measurements and simulations of self-generated magnetic fields in laser-produced plasma on OMEGA EP
Igor Igumenshev, LLE
11:50 am No title
Kevin Schoeffler, IPFN, U. de Lisboa
12:15 pm Lunch
1:15 pm Collisionless plasma magnetization in laboratory-astrophysical studies
Emmanuel d’Humieres, CELIA
1:40 pm Magneto-hydrodynamics of laser-foil interaction
Raphael Riquier, E. Polytechnique
2:05 pm Nernst effect in ICF plasmas: magnetic field transport and reconnection
Archis Joglekar, U. Michigan
2:30 pm Magnetic reconnection driven by Nernst effect and heat flux viscosity
Chang Liu, Princeton University
2:55 pm Discussion
3:30 pm Break

Session III: Measuring B Fields
4:00 pm Measuring magnetic fields in magnetized liner inertial fusion experiments: past successes and future opportunities
Matt Gomez, SNL
4:25 pm Laser-driven magnetic field generation for improved hohlraum performance and HED science at the NIF
John Moody, LLNL
4:50 pm No title
Joao Santos, U. Bordeaux
5:15 pm No title
Yitzhak Maron, Weizmann Inst.
5:40 pm No title
Ken Hill, PPPL
6:05 pm Discussion
Thursday, Nov. 12
8:00 am Registration / Continental breakfast

Session I: Magnetic Reconnection
8:30 am Experimental studies of supersonic magnetized plasma flows: shocks, pile-up of magnetic flux and reconnection
Sergey Lebedev, Imperial College
8:55 am Pulsed-power driven reconnection and the inverse skin effect
John Greenly, Cornell U.
9:20 am Radiative magnetic reconnection in coronae of accreting black holes: prospects for laboratory studies in laser-plasma experiments
Dmitri Uzdensky, U. Colorado
9:45 am No title
Gennady Fiksel, U. Michigan
10:10 am No title
Will Fox, PPPL
10:35 am Break
11:00 am Detailed Structures of MR region in laser-plasma experiments on SGII facility
Quanli Dong, Ludong University, China
11:25 am Magnetic reconnection in laser-driven HEDP: recent experiments and hybrid numerical simulations
Roch Smets, Ecole Polytechnique
11:50 am Magnetic reconnection experiments using laser generated relativistic electron currents
Louise Willingale, U. Michigan
12:15 am No title
Jiayong Zhong, Beijing Normal U.
12:40 pm Discussion
1:00 pm Lunch

Session II: Shocks
2:00 pm No title
Christoph Niemann, UCLA
2:25 pm Collisionless shock physics in space and in the laboratory
Anatoly Spitkovsky, Princeton U
2:50 pm No title
Frederico Fiuza, SLAC
3:15 pm Break
3:45 pm First Results from Volumetric, High-Repetition Magnetized Collisionless Shock
Derek Schaeffer, UCLA
4:10 pm No title
Julien Fuchs, Ecole Polytechnique
4:35 pm Discussion
5:30 pm End
7:00 pm Dinner

Friday, Nov. 13
8:30 am Continental breakfast

Session I: Plasma Dynamos
9:00 am No title
Cary Forest, U. Wisconsin
9:25 am Magnetic Fields in Astrophysics and The Role of Laboratory Experiments
Eric Blackman, U. Rochester
9:50 am Towards Turbulent Dynamo in Laboratory Plasmas
   Hui Li, LANL
10:15 am No title
   Lan Gao, Princeton U.
10:40 am Break
11:10 am No title
   Gianluca Gregori, Oxford U.
11:35 am No title
   Andrey Beresnyak, NRL
12:00 pm Discussion
12:30 pm Lunch

Session II: Jets and Magnetized Disks
1:30 pm No title
   Andrea Ciardi, Obs. Paris
1:55 pm Exploring astrophysical jets with scaled laboratory experiments
   Chikang Li, MIT
2:20 pm Astrophysically relevant magnetized flows on the Omega Laser
   Carolyn Kuranz, U. Michigan
2:45 pm No title
   Benjamin Khiar, Obs. Paris
3:10 pm Break

3:30 pm No title
   Bruce Remington (presented by John Moody), LLNL
3:55 pm Jet formation and accretion studies using magnetized laser-produced plasmas
   Guilhem Revet (presented by Julien Fuchs), E. Polytechnique
4:20 pm Discussion / Wrap up
5:30 pm Adjourned