WORKSHOP will be held in Physics Astronomy Building, C-520

Day 1: Compton scattering on the proton
8:00 am Registration, Physics Astronomy Building, C-411
8:50 Welcome, Goals, etc.
9:00 Meissner: ChPT overview with focus on its implications for Compton scattering
9:45 Beck: Nucleon Compton scattering results from Mainz
10:30 Coffee
11 Hyde: Virtual Compton Scattering and Generalized Polarizabilities
11:45 McGovern: ChPT results for gamma-p polarizabilities and observables
12:30 pm LUNCH
3:30 Coffee available; informal discussion
4:00 Discussion session: Holstein to lead
4:30 Pasquini: Dispersion relations, spin polarizabilities, and places to look in the future
5:15 Miskimen: The HIGS facility: generalities + the proton Compton program

Day 2: Compton scattering on the neutron
9:00 am Feldman: review of gamma-d experiments
9:45 Schroeder: The MAX-Lab facility + Compton@MAX-Lab
10:30 Coffee
11:00 Griesshammer: Compton scattering from deuterium in ChiEFT
11:45 L'vov: Potential-model calculations of Compton on deuterium
12:30 pm LUNCH
3:30 Coffee available, informal discussion
4:00 Shukla: Compton scattering from Helium-3
4:45 Ahmed/Feldman/Gao: Plans for Compton scattering from light nuclei at HIGS
5:30 Discussion session: Nathan to lead

Day 3: Low-energy photons and few-nucleon systems
9:00 am Arenhoevel: Deuteron photo- and electro-disintegration at low energies
9:45 Hammer: Pionless theory overview
10:30 Coffee
11:00 Weller: HIGS results on photodisintegration, GDH on deuterium, etc.
11:45 Nagai: Deuteron and 4He photodisintegrations at low energies
12:30 pm LUNCH
3:30 Coffee available, informal discussion
4:00 Discussion session: Norum to lead
4:30 Annand: four-body photodisintegration review and future plans
5:15 Quaglioni: LIT results for photodisintegration and 3NF
6:30 pm WORKSHOP DINNER AT THE PORTAGE BAY CAFE

Day 4: Three-nucleon forces probed in photodisintegration
9:00 am Epelbaum: ChiEFT for few-nucleon systems (incl. discussion of current operators)
9:45 Park: current operators for the three-nucleon system
10:30 Coffee
11:00 Debevec: Review of three-body photodisintegration experiments
11:45 Golak: Calculations of three-body photodisintegration and sensitivity to 3NFs
12:30 pm LUNCH
3:30 Coffee available, informal discussion
4:00 Discussion session: Gloeckle to lead
4:30 Barnea: Lorentz Integral Transform results for EM reactions in A>4
5:15 Platter: Pionless theory results for photon reactions in the three-body system
5:40 Zong: Three-body photodisintegration of polarized 3He with a polarized photon beam

Day 5: The future, the stars
9:00 am Detmold: hadron polarizabilities on the lattice
9:45 Xu: The SLEGS facility at the Shanghai light Source
10:30 Coffee
11:00 Fujiwara: Science Facilities with Inverse Compton Photon beam in Japan and their new developments
11:45 Nollett: Soft photons and light nuclei–astrophysical implications
12:30 pm Final discussion and workshop closing
1:00 LUNCH

(Talks are 35 minutes with an additional 10 minutes for discussion, unless otherwise noted.)