

Willy Haeberli Memorial Symposium Program

Sunday, June 19, 2022

Sterling Hall, room 1310, 475 North Charter Street, Madison

Session I: Working and having fun with Willy

8:30 AM Informal get-together with refreshments

9:27 AM **Mark A. Eriksson**, Chair of the department, Welcome to UW-Physics

9:30 AM **Tom Clegg** (University of North Carolina), early polarized source work in Madison and other labs (30+5 mins)

10:05 AM **Pupa Gilbert** (University of Wisconsin), teaching with Willy, cooking with Willy and Gaby (20+5 mins)

10:30 AM Coffee Break

11:10 AM **Paula Panczenko** (Tandem Press), Willy and Gaby's art collecting (15+5 mins)

11:30 AM **Fleming Crim** (University of Wisconsin and NSF), Willy at the National Academy of Sciences, plus comments on NSF expansion (15+5 mins)

11:50 PM Time for short, contributed reminiscences

12:30 PM Lunch Break (boxed lunch in Sterling Hall or just outside in the garden by the Newton apple tree, if the weather is good)

Session II: Polarized Beams and Targets

2:00 PM **Tom Wise** (University of Wisconsin), polarized sources and internal targets developed with Willy for outside user experiments (30+5 mins)

2:35 PM **Erhard Steffens** (University of Erlangen), European experiments with polarized gas targets (30+5 mins)

3:10 PM **Hans-Otto Meyer** (Indiana University), physics with polarized beams and polarized internal targets in storage rings (30+5 mins)

3:45 PM Coffee Break

4:05 PM **Thomas Roser** (Brookhaven National Laboratory), accelerating polarized ion beams in RHIC and EIC, plus reminiscences of working on Simonius-Haeberli pp parity violation experiment (30+5 mins)

- 4:40 PM **Yousef Makdisi** (Brookhaven National Laboratory), polarized hydrogen jet target and absolute beam polarization calibration at RHIC (20+5 mins)
- 5:05 PM Time for short, contributed reminiscences
- 5:45 PM Break before dinner
- 7:00 PM Banquet Dinner in a private room (Great Hall) at Memorial Union, with afterdinner speaker **Jay Davis** (formerly at Lawrence Livermore National Laboratory, President Emeritus of The Hertz Foundation, Owner and Chief Sharecropper, Talking Bull Vineyard)

Monday, June 20

Session III: Willy's Legacy, Part I: Symmetry and Fundamental Interaction Tests

- 9:00 AM **Krishna Kumar** (University of Massachusetts), status and future of parityviolating electron scattering experiments (30+5 mins)
- 9:35 AM **Steve Vigdor** (Indiana University), Willy's descendants and charge symmetry breaking (30+5 mins)
- 10:10 AM **Frank Rathmann** (Forschungszentrum Jülich), Search for the deuteron electric dipole moment at COSY (30+5 mins)
- 10:45 AM Coffee Break
- 11:05 AM **Ed Stephenson** (Indiana University), EDM searches with polarized beams (30+5 mins)
- 11:40 PM Group photo
- 12:00 PM Buffet lunch at Wisconsin Institute for Discovery, Orchard View room.

Session IV: Willy's Legacy, Part II: Nucleon Spin Structure

- 2:00 PM **Richard Milner** (MIT), Visualizing the proton: a collaboration between art and science (30+5 mins)
- 2:35 PM **Carl Gagliardi** (Texas A&M University), RHIC Spin program and gluon polarization in the proton (30+5 mins)
- 3:10 PM Coffee Break
- 3:30 PM **Elke Aschenauer** (Brookhaven National Laboratory), spin structure investigations planned for EIC (30+5 mins)
- 4:05 PM Time for short, contributed reminiscences
- 4:30 PM **Baha Balantekin** (University of Wisconsin), closing tribute to Willy
- 5:00 PM Symposium adjournment
- 5:30 PM Chazen Museum of Art (800 University Avenue), Unveiling of the art donated by Willy