



# Welcome to PSTP 2015 on behalf of the International Spin Physics Committee (ISPC) !

The ISPC is initiating and supporting Symposia and Workshops in  
the field of Spin Phenomena in Nuclear and Particle physics.

## Membership of the International Committee for Spin Physics Symposia (ISPC)

1 January 2015 to 31 December 2016

### *Voting Members:*

R. Milner – MIT (Chair)  
E. Aschenauer - BNL  
Hideto En'yo (RIKEN)  
N. Makins – Illinois  
**M. Poelker – Jlab**  
**H. Stroeher – Juelich**

**E. Steffens - Erlangen** (Past-Chair)  
A. Belov – INR Moscow  
P. Lenisa – Ferrara  
A. Martin – Trieste  
R. Prepost – Wisconsin  
O. Teryaev - Dubna

M. Anselmino – Torino  
H. Gao – Duke (Chair-Elect)  
B.-Q. Ma – Peking  
A. Milstein – Novosibirsk  
N. Saito – KEK

### *Honorary Members:*

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A.D. Krisch – Michigan  
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E.D. Courant – BNL  
G. Fidecaro – CERN  
A. Masaike – Kyoto  
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W. Haeberli – Wisconsin  
C.Y. Prescott – SLAC  
W.T.H. van Oers – Manitoba

# Mission of our Community



Spin‘ or ‚Polarization‘ experiments require special techniques like polarized beams and/or targets, which are not routinely available.

Such techniques were first discussed at special symposia, later in addition at topical or regular workshops. The first symposium of this kind at Basel in 1960 (55 years ago!) was organized shortly after the first polarized ion source – for deuterons – was running.

These meetings serve to

- spread the Know-how of our special techniques („Spin Tools“)
- build up a community
- develop new ideas

The meetings are initiated by the Spin Committee and organized by Local Groups. They have to follow the rules imposed by the ISPC in order to provide a platform for new ideas open for every scientist.

# History of Spin Conferences



Two conference series related to Spin/Polarization phenomena in nuclear and particle physics:

- **Symposia on Polarization Phenomena in Nuclear Reactions**

Start: Basel 1960 (Basel: first working polarized ion source & scattering experiments with polarized beam from source!). Following, every 5 years: Karlsruhe 1965, Madison 1970, Zürich 1975\*, Santa Fe 1980\*, Osaka 1985\*, Paris 1990\* (resolution to merge with HE Spin Physics), Bloomington 1994 (last independent meeting, in parallel to HE Spin Physics Symposium)

- **Symposia on High Energy Spin Physics**

Start: Argonne 1974 (at ANL: First polarized HE beam in the 12 GeV **Zero-Gradient-Synchrotron!**). Following, every 2 years: Argonne 1976, 1978, Lausanne 1980, BNL 1982, Marseille 1984, Protvino 1986, Minneapolis 1988\*, Bonn 1990\*, Nagoya 1992\*, Bloomington 1994 (in parallel to Polarization Symposium), Amsterdam 1996, Protvino 1998\* (last HE Spin Symposium)

\*) *attendance*

# "Joint " Symposia on Spin Physics



Start: Osaka 2000\* Millenium Conference!

Following, every 2 years: Brookhaven 2002\*, Trieste 2004\*, Kyoto 2006\*, Charlottesville 2008\*; Jülich 2010\*, Dubna 2012, Beijing 2014, next meeting Urbana/Ill. 2016.

ISPC Committee composed of members from the former nuclear and HE spin physics community

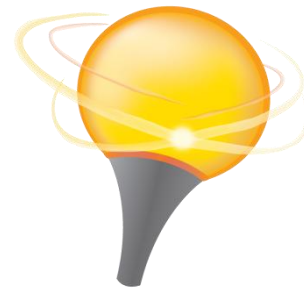
# How is the Spin Physics Community linked together?



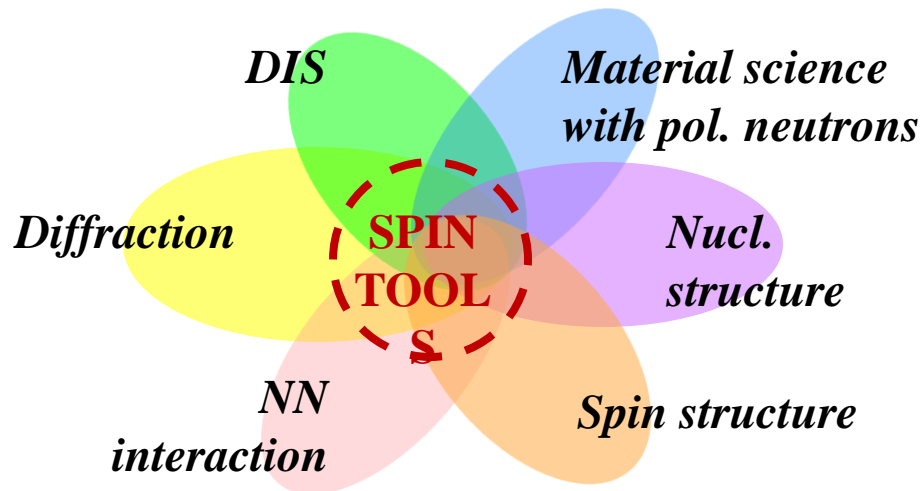
Spin Symposia are uniquely dedicated to the fundamental role of spin in nuclear and particle physics.

There is consensus, that the connection is mediated by the development of **‘Spin Tools’** enabling us to perform ‘Spin experiments’ or ‘Polarization experiments’.

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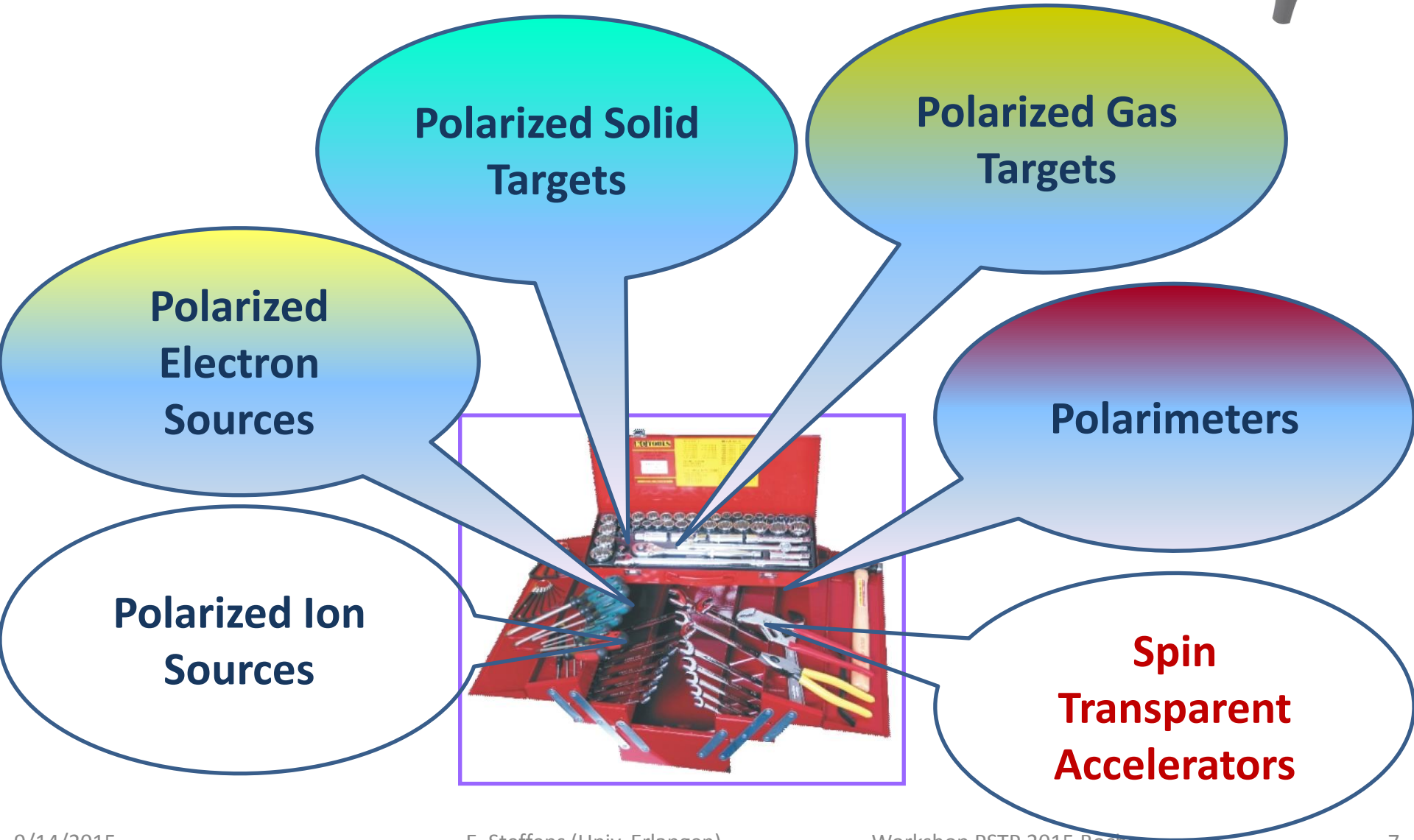


- Spin Symposia are uniquely dedicated to the fundamental role of spin in nuclear and particle physics.
- There is consensus, that the connection is mediated by the development of '**Spin Tools**' enabling us to perform 'Spin experiments' or 'Polarization experiments'.



**Spin tools are discussed in detail at Workshops (regular or topical)**

# The Spin Toolbox



# The origin of PSTP workshop



The history of meetings on spin tools goes further back in time as this somewhat arbitrary notation which makes the workshop at Montana 1986 the #1 in this notation. In fact, Montana 1986 was probably the first with this broad coverage of spin tools. But intense work on polarized ion beams started already in the 1950's, including the first paper on the Atomic Beam Source (Erlangen 1956), and the first polarized beam (d) from an accelerator (Basel 1960).

Now we are celebrating the start of the 16<sup>th</sup> international workshop of this series on Polarized Sources, Targets and Polarimetry here in Bochum!

The meeting is organized by the group of Werner Meyer, well known in our field for their work on solid polarized targets. The history of these developments and collaborations will be reviewed during this meeting. The organizers have - in collaboration with the local committees - put together an impressive programme with highlights from all areas of our field.

**In the name of the ISPC, I thank the organizers for their effort and wish all of us a fruitful meeting!**