

# Designing the future together

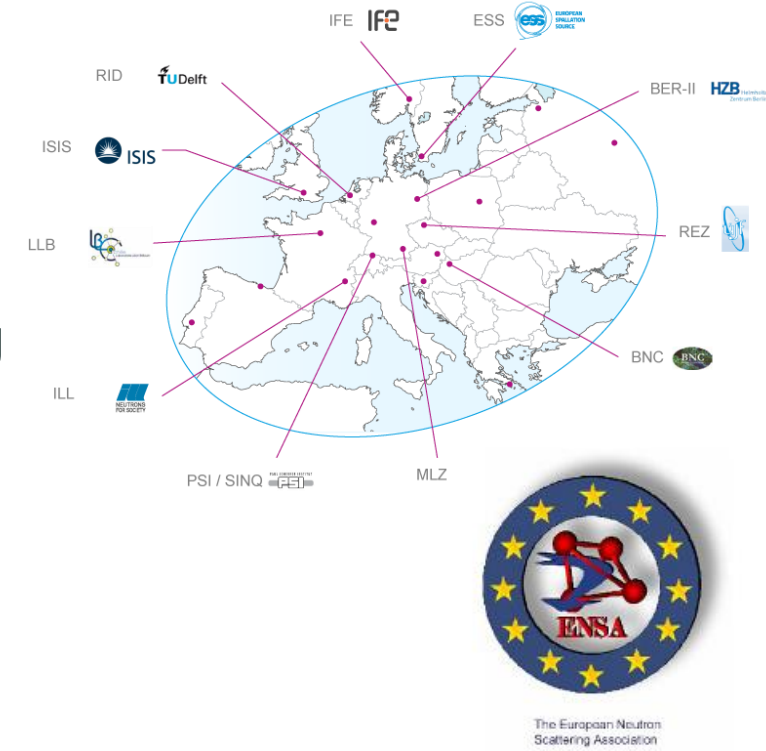
Helmut Schober  
LENS chair, ILL director

11 June 2019

# LENS: The step forward towards a strategic alliance

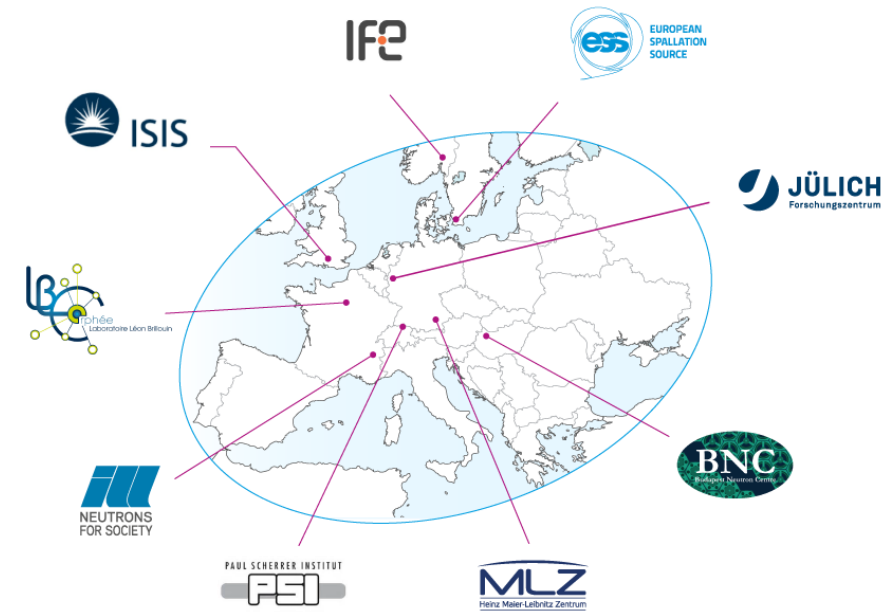
Aligning the strategies in the spirit of enhancing the output:

- The League of Advanced European Neutron Sources will facilitate any form of discussion, decision-making process and collaborative effort that has the potential to strengthen European neutron science via enhanced collaboration among the facilities.
- It thus will help optimizing the use of our precious resources in the interest of the overall scientific output.
- This will naturally be done in close consultation with the user community.



# Partners in LENS

- Budapest Neutron Centre, Hungary
- European Spallation Source, Sweden
- Heinz Maier-Leibnitz Zentrum, Germany
- Institut Laue-Langevin, France
- Institute for Energy Technology, Norway
- ISIS Neutron & Muon Source, United Kingdom
- Laboratoire Léon Brillouin, France
- Paul Scherrer Institute, Switzerland
- Forschungszentrum Jülich, Germany



LENS will be open to any neutron provider in Europe running an open international user programme for the majority of the beam time provided and adhering to LENS'



# Status

- Charter signed (Vienna, 12 September 2018)
- Statutes signed (Liblice, 26 March 2019)

LENS now operational

- 4 Working Groups, 1 Ad-hoc group
- Next steps defined



# Structure

## **Chair**

H. Schober/ILL

## **Vice-Chair**

R. McGreevy/ISIS

## **Executive Officer**

R. Dieter/ILL, FZJ

## **General Assembly**

Facility directors

## **Executive Board**

Members + WG leaders

## **WG1 Strategy, promotion, policy**

A. Schreyer/ESS, T. Brückel/FZJ

## **WG2 Neutron usage and Innovation**

J. Neuhaus/MLZ, P. King/ISIS

## **WG3 Synergies in technological development and operation**

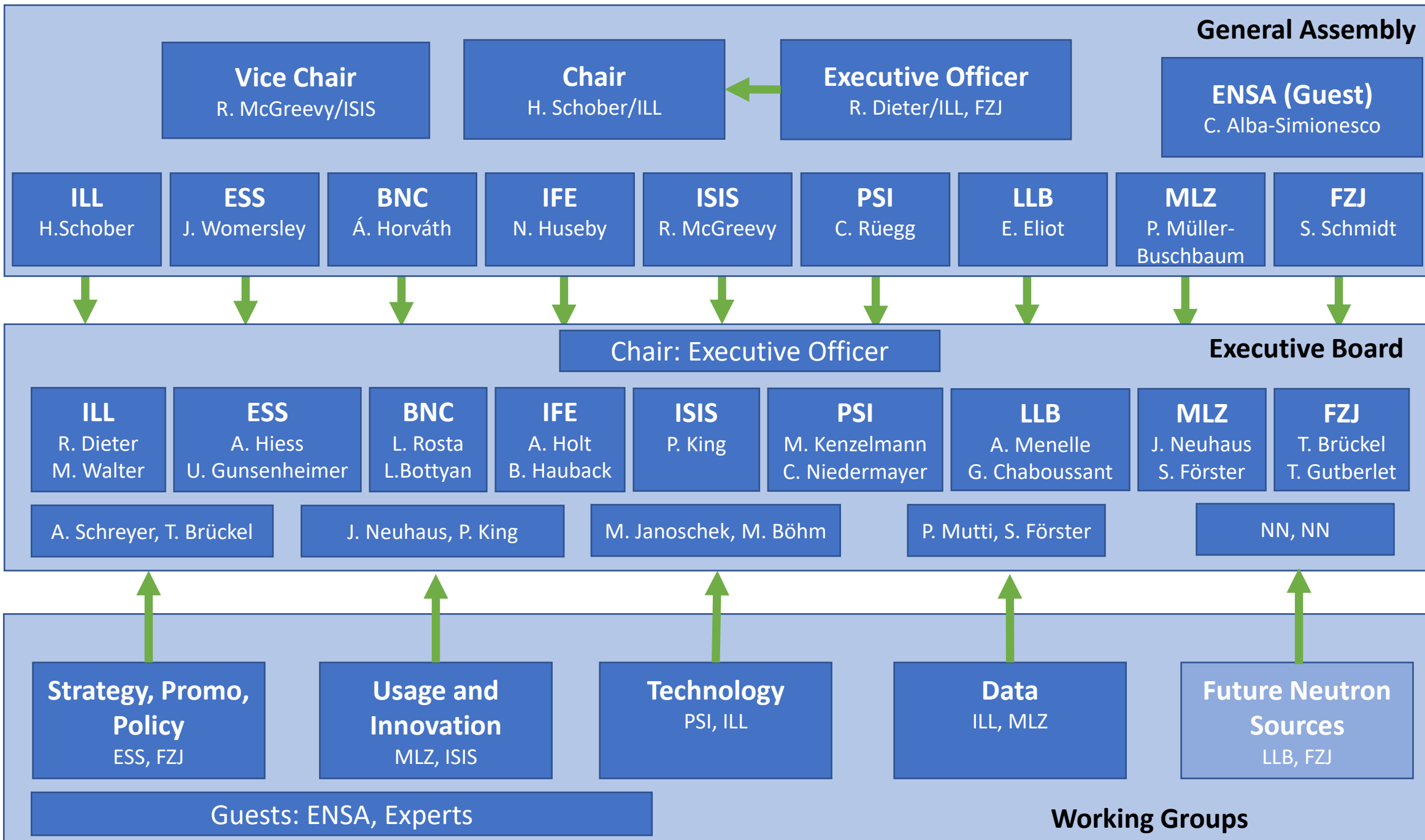
M. Janoschek/PSI, M. Böhm/ILL

## **WG4 Computing/Data**

P. Mutti/ILL, S. Förster/MLZ

## **Ad-Hoc-group “Future Neutron Sources”**

LLB, FZJ



# Next steps

- WG1:
  - Strategy: "white paper"
  - Assessment: framework/common metrics
  - Access: status quo and common guidelines
- WG2: reports on situation and next actions:
  - Education/schools
  - Awards
- WG3: elaborate technology roadmap for ~3 prioritized actions
- WG4: Define pilot actions
- AHG: assessment of novel compact sources
- Taking influence on the shape of Horizon Europe

# Next meetings

- WG1: 13.06.2019 Düsseldorf Airport
- WG3: Sep/Oct, tbd (follow up to subgroup leader meeting 02.05.)
  
- Executive Board: 26.06.2019 (Telco), 23.10.2019 ILL (tbd)
- General Assembly: 23.10.2019, ILL/Grenoble



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# LENS @ ECNS



## SUNDAY, June 30<sup>th</sup>

13:00–15:00	Registration, Foyer of the Manege Central Exhibition Hall, St. Isaac's Square, 1
Opening Ceremony, Saint-Petersburg Hall, second floor of the Manege Central Exhibition Hall	
15:00–15:30	Official greetings
15:30–16:15	Plenary lecture: <b>Mikchail V. Kovalchuk</b> (National Research Center «Kurchatov Institute», Russia) "Convergent science and nature-like technologies: global challenges"
16:15–17:00	Plenary lecture: <b>Viktor L. Aksenov</b> (National Research Center «Kurchatov Institute», Russia) "Reactor PIK. Present status and trends"
17:00–17:45	Plenary lecture: <b>Sebastian Schmidt</b> (Forschungszentrum Jülich, Germany) "European neutron landscape"
17:45–18:15	Plenary lecture: <b>Robert McGreevy</b> (ISIS, UK) "League of advanced European Neutron Sources (LENS)"
18:30–21:00	Welcome Party



[www.lens-initiative.org](http://www.lens-initiative.org)

Thank you

Helmut Schober

Contact info