



# **ATHENA SPOKESPERSON ELECTION MANAGEMENT STATEMENT**

**Silvia Dalla Torre (INFN-Trieste) and Bernd Surrow (Temple University)**

# Thank you!

## **Thank you for your nominations:**

- We are grateful for the confidence and encouragement.
  - **We believe in ATHENA: This has pushed us to declare our availability!**
- We are ready to commit to ATHENA > 50% of our working time and more when needed !



# Our SP team

## SP: Silvia DALLA TORRE, INFN-Trieste

- Representing **ATHENA internat. institutions**
- **Research background, h-physics**
  - @Saclay-SATURNE-II, CERN-LEAR, CERN-SPS, now EIC
- **Research background, detectors**
  - COMPASS- RICH, ISAD of RICH workshops
  - RD51 (MPGDs)
  - AIDA2020, AIDAinnova,
  - ECFA COMMITTEE for EU detector road-map
- **Scientific managerial experience**
  - For 7 y, Director of INDN-TS (300 physicists)
  - For 7 y, member of INFN Directorate board
- **About EIC**
  - Co-organizer of EICUG2017 @ Trieste
  - Detector co-convener in YR
  - Member of EIC-UG SC
  - Till October 2021, PI of INFN effort in EIC
- **About ATHENA**
  - Co-organizer of the kick-off meeting
  - Member of Coordination C., Proposal C.

## Deputy\_ SP: Bernd SURROW, Temple U.

- Representing **ATHENA domestic institutions**
- **Research background, Collider QCD physics**
  - ZEUS (ep) / OPAL (e+e-) / STAR
- **Research background, detectors**
  - QCD physics at collider experiments (F2 at low x / Charm-associated W prod & l-jet azim. correl. at ZEUS / Jet physics in e+e- / Delta g using jet prod. and anti-u/anti-d using W production in polarized pp collisions)
  - Detector experience (Calorimetry and silicon detectors at ZEUS/OPAL, GEM detectors at STAR and EIC R&D)
- **Scientific managerial experience**
  - Co-spokesperson / and SPIN PWG convener at STAR
- **About EIC**
  - For 4 y Chair of the EIC-UG SC
  - EIC R&D program since 2011 (MPGD detectors)
- **About ATHENA**
  - Co-organizer of the kick-off meeting
  - Member of Coordination C., Proposal C.



# Why Our Team?

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- **Research background, detectors**
  - COMPASS- RICH, IS
  - RD51 (MPGDs)
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  - ECFA COMMITTEE for EU detector

## **Scientific managerial experience**

- For 7 years co-convener in YR
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- Representing **ATHENA domestic institutions**
- **Research background, Collider QCD**
  - ... (ep) / OPAL (e+e-) / STAR
- **Research background, detectors**
  - QCD physics at ...

## **Scientific managerial experience**

- Co-spokesperson / and SPIN PWG convener at STAR
- **About EIC**
  - For 4 y Chair of the EIC-UG SC
  - EIC EIC R&D program since 2011 (MPGD detectors)
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**ATHENA diversity and richness**

**Already working together for ATHENA since the very beginning  
→ Very natural to form a team!**

# WHY OUR CANDIDACY?

## We strongly believe in the ATHENA proposal strategy

- Proposal mapped to the requirements of the “Open Call for Collaboration Proposals for Detectors at the Electron-Ion Collider” for IP6
- Several colleagues driving the YR effort are now working within ATHENA
- Starting from YR with natural evolution, ATHENA critical and novel ingredients such us:
  - modern software tools
  - new barrel calorimetry concepts
  - deeper insight into the tracking configuration and performance
  - integration of the forward RICH subsystem
  - ...
  - a rich portfolio of additional options beyond a minimal config. for ALTERNATIVE and UPGRADES
    - TRD, miniTPC with gridpix sensors, LAPPDs, TOF, ...



# ATHENA STRUCTURE, a reminder

## Collaboration Structure

Now, in full strength  
after electing the IB chair

The new  
elements after  
the election

At work since months

Institutional Board  
IB Chair, IB Vice-chair

Spokesperson  
& Executive Board

Detector Subsystems  
Coordinators

Magnet  
Calorimetry  
Tracking  
Particle-ID  
Rear/Forward  
Polarimetry  
DAQ/Readout

Software/Simulations  
Coordinators

Physics Validation  
Coordinators

Inclusive  
SIDIS  
Jets/HQ  
Diffraction/  
Tagging  
Exclusive

Collaboration  
Committees

Proposal Committee

At work since  
end Spring

*Olga Evdokimov (UIC)*

*ATHENA*

O. Evdokimov,  
ATHENA bi-weekly,  
27 May 2021

# OUR WORK IN THE NEXT MONTHS 1/3

## The absolute **PRIORITY**

- Presenting a **convincing Proposal** and subsequently **defending it** during the evaluation phase early next year
- **How?** Making use of the organizational structure that has already been implemented with ATHENA:
  - **Proposal Committee** with its three subgroups (costing, integration, editing), also endorsed by IB
  - **WGs and their conveners**, also endorsed by IB
  - **IB** (strong government body of ATHENA): Elected Chair – Ernst Sichtermann
    - Full collaboration with its guidance
    - Primary communication channels with the collaboration
  - Frequent **collaboration meetings**, providing a direct link to the entire ATHENA
- **NEW: the SP team and the SP office**
  - Beneficial to ensure full continuity to the ATHENA activity:
  - **Coordination Committee members → SP Office** (Hoping they accept!)
  - Also invite in **SP Office** a couple of new members from leading institutions

Internally

# OUR WORK IN THE NEXT MONTHS 2/3

## The absolute **PRIORITY**

- Presenting a **convincing Proposal** and subsequently **defending it** during the evaluation phase early next year
- **How?**
- **Solicit dialog with Institutions (worldwide)** to present the ATHENA effort with the goal in mind to increase the number of groups joining ATHENA and providing an enhanced engagement of individual groups in the ATHENA activities.
- **Develop the case of financial support** together with the EIC management and the DOE Office of Nuclear Physics for institutions engaged in the EIC project during the present phase, in particular to support early-career collaborators and strengthen R&D efforts.

externally



# OUR WORK IN THE NEXT MONTHS 2/3

## The absolute **PRIORITY**

- Presenting a **convincing Proposal** and subsequently **defending it** during the evaluation phase early next year
- With the progress of the collaboration life, **more committees will be needed** and taken care of by the IB; we will be as much as we can supportive
- Emphasize and strengthen an **open and inclusive collaborative atmosphere for the entire EIC community** to guarantee the success of the EIC project in general -> Formation of a Diversity & Inclusion Committee!
- Other committees needed as we move along in a collaboration such as publication and conference committee



# OUR WORK BEYOND THE PROPOSAL APPROVAL

- The outcome of the review process in spring 2022 is unknown to all of us.
- We will not engage in assumptions about our specific actions after the review process.
- We guarantee our dedication and to proceed along the guidelines that inspire the work foreseen in the next months, concerning the proposal preparation, submission, and presentation.

# TODAY

**HELP US!**

**We are looking forward to your comments and suggestions at the open candidate presentation session.**

**THANK YOU!**