

# Raffaella De Vita

Candidate statement for

CLAS Collaboration Chair election 2017

# R. De Vita in brief...

- Bachelor degree in Physics in 1997  
(thesis on “Realization of a prototype of the NH<sub>3</sub> polarized target for CLAS”)
- Graduate student at University of Genova from 1998 to 2000  
(thesis on “Measurement of the Double Spin Asymmetry in  $\pi^+$  electroproduction with CLAS)
- Post-doc at INFN-Genova from 2001 to 2004
- Staff scientist at INFN since 2004
- Presently, Coordinator of the INFN-Genova Nuclear Physics Group and member of the INFN Nuclear Physics Committee (CSN3)
- Author of 170+ publications in refereed journals, more than 40 talks at conferences and workshops
  - *Most of my scientific career was built on CLAS and now CLAS12*
  - *Involvement in other international projects at JLab and elsewhere helped me in developing a broader perspective in particle and nuclear physics*

# Involvement in CLAS and CLAS12

- Member of the CLAS Collaboration, 1998-present
- Member of the CLAS Speaker Committee, 2003-2015; secretary of the CSC, 2007-2015
- Member of the CLAS12 Steering Committee, 2010-2013
- Chair of the CLAS12 CalCom Committee, 2011-present
- Spokesperson on CLAS eg4, g11, g12 experiments and CLAS12 Meson-Ex
- Co-leader of the CLAS12 Forward Tagger project
- Thesis supervisor, run coordinator, analysis coordinator

At JLAB also:

- Member of the User Group Board of Directors, 2005-2007
- Member of the HPS and BDX Collaborations

# Challenges and priorities for the next Chair

- Strengthening our Collaboration
- CLAS I 2 beginning of operation and first physics run(s)
- Continue the exploitation of CLAS data

# Strengthening our Collaboration

- The CLAS Collaboration is a complex body in which the Chair has diverse responsibilities:
  - represent the multifaceted interests of Collaboration Members, listening to their voices and needs
  - help harmonizing these interests into a common strategy
  - maintain continuous and effective communication with the Collaboration Management Bodies
  - constitute the link between Collaboration Members and the Lab Management
  - ensure potential issues are properly and promptly addressed
  - continue the work of previous Chairs in promoting the Collaboration and seeking for new members

- Several years of efforts in the design and construction of the new spectrometer are going to be realized in few months from now with the engineering and first physics run:
  - Prepare for the **Fall Engineering run** supporting the work of Detector, Software and CalCom groups to complete the CLAS12 commissioning smoothly and efficiently
  - Work in close coordination with the CLAS12 Run Groups to prepare the **first physics run** and subsequent run periods
  - Work with Physics Working Groups, Run Groups, ACE and the whole Collaboration to facilitate the **analysis and publication of CLAS12 data**
  - **Facilitate the involvement of all Collaboration Members** in accessing CLAS12 data, ensuring adequate documentation is available and information is circulated promptly to all interested people, on-site or off-site

# Exploitation of CLAS data

- CLAS data represent an invaluable richness for the Collaboration:
  - More than 180 publications and 200 PhD thesis in 20 years
  - Continuous, high quality scientific production
- As Chair:
  - work closely with the Physics Working Groups to encourage and facilitate the **completion of CLAS analysis projects**
  - continue the work of previous CLAS Chairs to improve and **expedite the review process**
  - work with CLAS Speaker Committee to **promote the dissemination of CLAS results** at the international level

# Thanks!