A life with CLAS: the early days

9/'97-10/'98
Masters

INFN GENOVA

Optimization of the **eg1 polarized target**

1/'99-2/'03
PhD

THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON DC

3/'03-9/'03

dapnia cea saclay

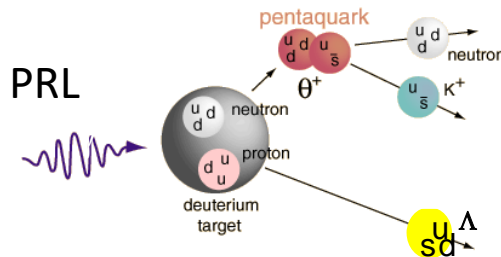**Three-body photodisintegration of ³He**
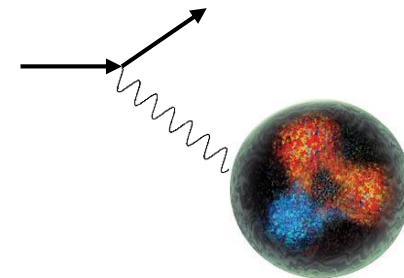(g3 experiment), PRC

10/'03-9/'06
Post-Doc

IPN orsay
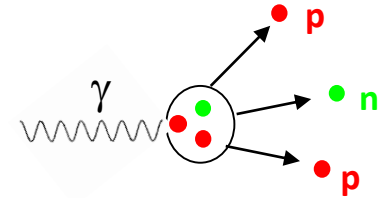
Pentaquark search in $\gamma d \rightarrow \Lambda \Theta^+$ (g10 dataset), PRL

Nucleon structure: GPDs→DVCS, e1dvcs run and analysis
Co-spokesperson of **eg1dvcs** (DVCS with polarized target)
(+ a short stint with the Hall C G0 experiment)

Senior years: from CLAS to CLAS12

From 2006: staff scientist (→ research director) at IPN Orsay (now IJCLab)

e1dvcs analyses: ep → epπ⁰ (PRL, PRC), DVCS cross section (PRL)
eg1dvcs run, RC & DVCS analysis coordinator (PRL, PRD)

Central Neutron Detector for CLAS12 (2 NIM and a detector ☺❤)
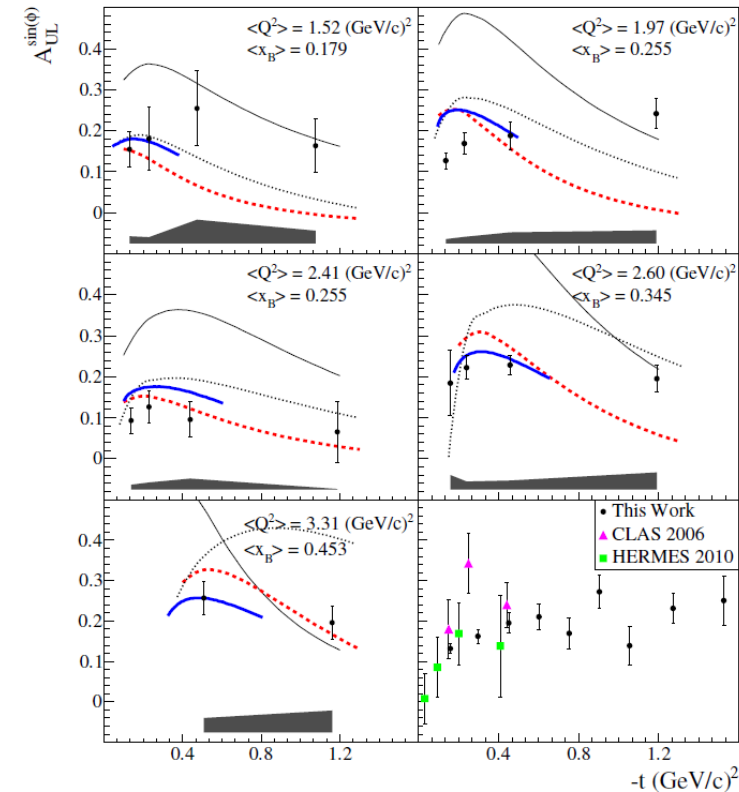Contact person for **nDVCS@CLAS12** (A, HI)
Contact person for **nDVCS with longitudinally polarized target**
RGB leader and analysis coordinator
TCS analysis (imminent PRL)
Chair of the **Service Work Committee** since 2012
Supervised several PhDs and post-docs on CLAS/CLAS12

Current responsibilities outside of CLAS:
JLab group leader in France (IN2P3)
Member of the Nuclear Physics Board of the EPS
Member of the LHCC (LHC experiments committee)
Coordinator of EU WP: GPD-ACT (STRONG2020)
Mother of 11-year old twins
No teaching duties

What I can do for the CLAS Collaboration

Long-standing **experience of CLAS** (detector development, running experiments, data analysis)
Worked on physics subjects covering the **3 Working Groups**
Deep knowledge of the **Collaboration** and its member **Institutions** (thanks to SWC)
Experience in **leading teams** and in international **committees**
Hard working, hands-on, not afraid to speak ☺

Some specific points I'd like to work on:
- **Speed up analysis → publication process:**
  - ✓ Sharing of analysis tools to avoid duplicate work
  - ✓ Standardisation of data-analysis methods, whenever possible
  - ✓ Improve the analysis/paper review process, still slow and not uniform
  - ✓ Frequent interaction with WG leaders and software group
- Interaction with SWC to attribute tasks based on needs and capabilities (Task List)
- Be efficient and available: quick replies, open to new ideas
- Resume in-person Collaboration meetings and bring good wine for the reception ☺

It is an exciting phase for CLAS12: the first data are being published, new experiments are in preparation.
It is also a delicate transition phase for JLab and our physics, with the perspective of the EIC on one side and the possible high-luminosity/high-energy upgrades for CLAS12.
Ensuring a successful scientific production for CLAS12 in these years is a necessary condition for the future of CLAS12 and JLab in the longer term.
I am very humbled and honored to be nominated, and I would be delighted to guide the Collaboration during this phase. I look forward to giving it all I can.