

Bachelor in electromecanic in 2021 at IEPSCF Numur

DUT in Mechanical engineering and production at Douala University Cameroon in 2009

DEUG in physic at Douala University Cameroon in 2006

I come from Cameroon. 🇨🇲

I've been in Belgium since november 2010.

I worked in the Solboch campus for 6 months last year as a laboratory technician at the photochemistry department.

I joined the IIHE the 1st june of this year as a technical staff attached to the CMS group lead by Pascal.

I'm a mother of 3 beautifull kids.

I love working out: swimming, pilate, aquagym, fit cycling.

I like cooking, espacialy cameroonian delicacy

Outside of work, I'm very invest in cultural activities and fundraising in my community.



I would like to futher my education and become an engineer in the futur.

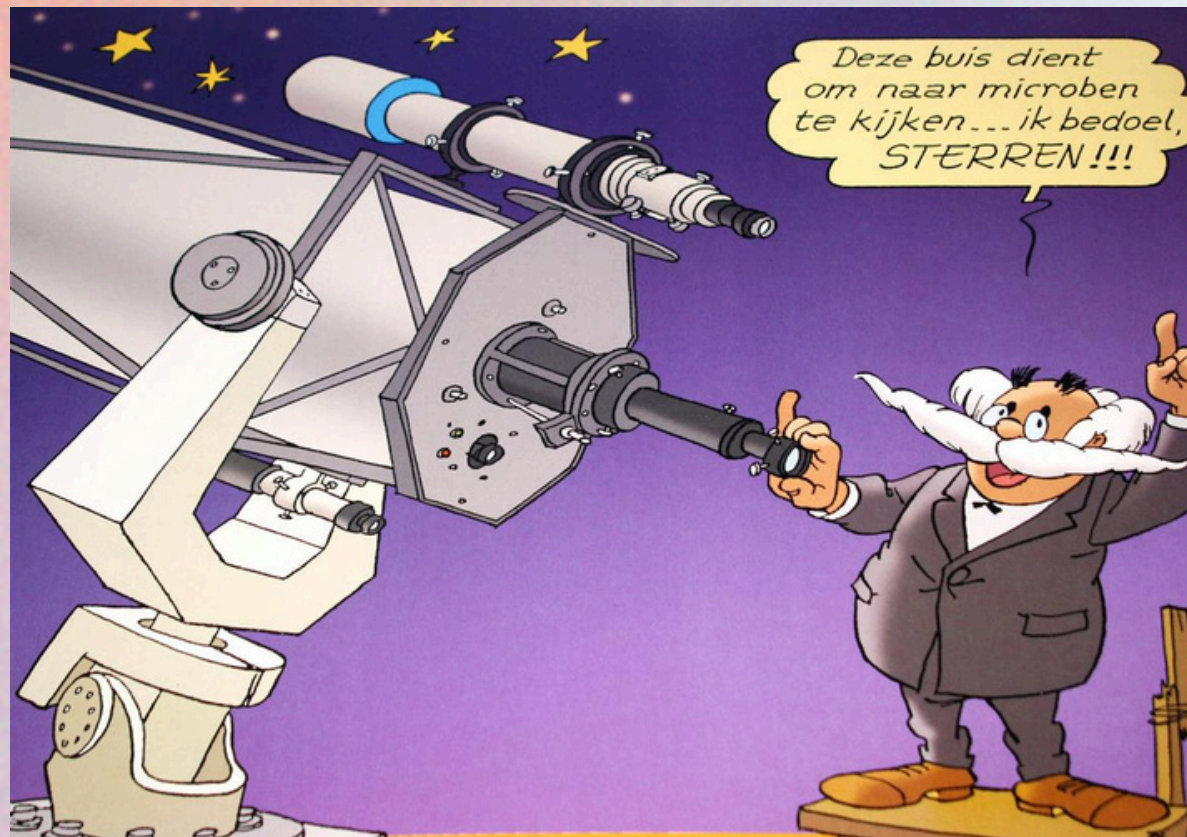
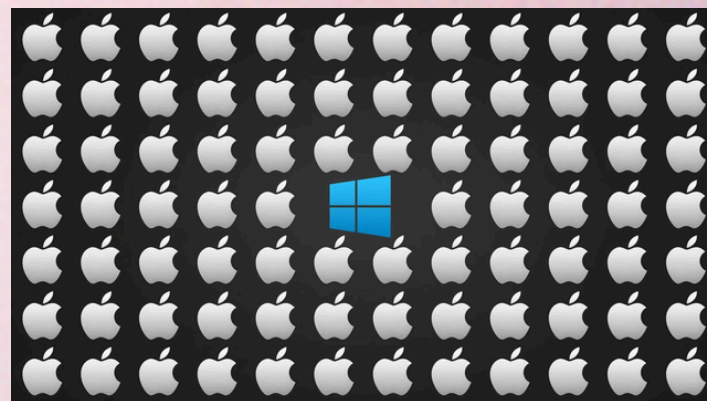


Annie-Victoire MBOUBE MBOULE

Technical staff CMS group



LAURA
DE BACKER



laura.de.backer2@vub.be

Julien Adan

- Started working last week at VUB
 - Will replace Nina during her absence
 - Studied Political Science & Journalism, but mostly worked in the Broadcast sector
 - Curious and eager to learn when it comes to science
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- Into football and Belgium's finest Sporting Anderlecht specifically
 - I love - beware, very original! - travelling, live music and cinema
 - A real 'Brusseleir'





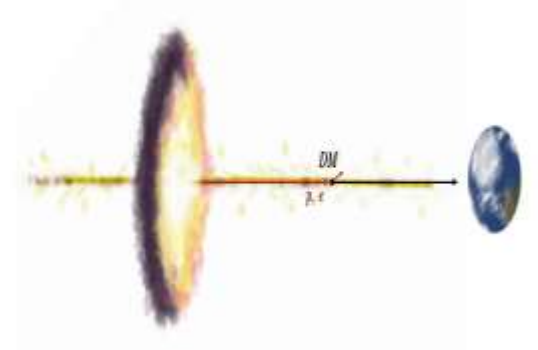
Jacopo Nava

(At VUB from January 2026 !!)



PhD at University of Bologna: BSM+Astroparticle Physics

- My interests: Neutrinos, Dark Matter, High Energy Astrophysics (BLAZARS !)
 - I will be Postdoc in **HEP@VUB**, Alberto Mariotti +
- I will join LVK+ET, excited to do some fancy GW stuff but still curious about IceCube neutrinos





2015
–2018

Bachelors student:
UNIVERSITY OF LATVIA

CERN summer school



2019
–2020

Masters:
LUND UNIVERSITY
Particle physics
phenomenology



2020

Summer program:
MAINZ UNIVERSITY
Lattice QCD, machine learning



2020
–2025

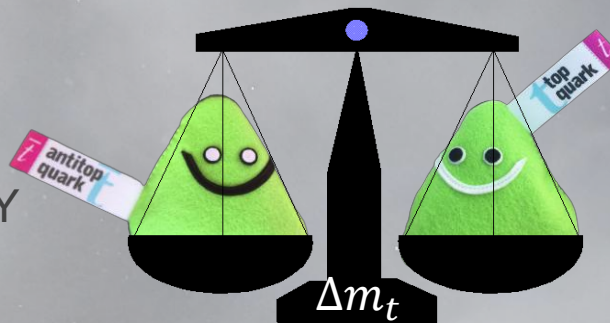
PhD student:
RIGA TECHNICAL UNIVERSITY
CMS top physics, jet physics,
MC modelling



*Main topic: Mass difference between the top quark
and top antiquark: $\Delta m_t = m_t - m_{\bar{t}}$*

2025– ...

Postdoc:
ULB/IIHE, supervisor – Laurent Favart
*Topic: Transverse momentum dependent
(TMD) parton distribution functions*



Andris Potrebko

Hobbies:

- Everything outdoor, rock-climbing
- Music, playing guitar
- Eating
- Languages





Mingzhe Xie



2019.9-2025.6

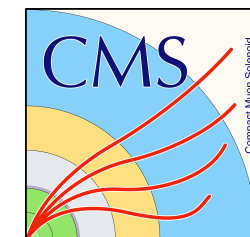
- Obtained my Ph.D at University of Science and Technology of China
 - Electroweak precision measurement: $\sin^2 \theta_w$
 - Proton structure study at hadron colliders



From ATLAS to CMS

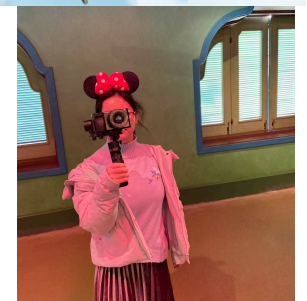
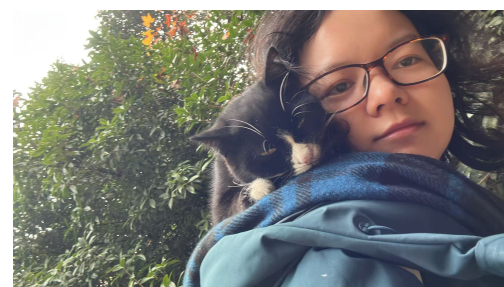
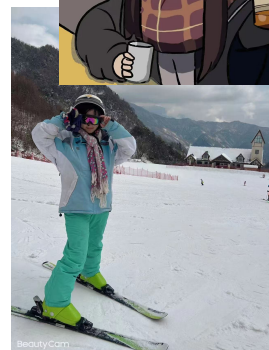
2025.7

- Join ULB as a postdoc, working with **Laurent Favart**
 - Differential cross section of Drell-Yan process
 - Proton structure measurement
 - MC tuning using ML
 - Tracker upgrade, shift ...



Hobbies?

terrible at everything 😓
but full of passion 😊



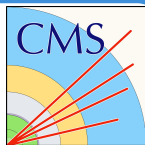
Aya Beshr

- In 2016, I obtained my BSc. Degree in Physics & Chemistry.
- In early 2019, I joined the CMS experiment at CERN through the Egyptian Institute (Egyptian Network of High Energy Physics - ENHEP) which is a member of the CMS GEM Collaboration.
- In 2019, I attended the CERN Summer Student Program.
- In 2022, I joined the CMS GEM lab at CERN for the first time.
- In 2023, I obtained my MSc. Degree in Physics, my thesis topic was on phenomenological analysis for pair Higgs production in 2HDM-typel model at the HL-LHC. I also worked for sometime at the CMS GEM lab.
- In 2024, I spent almost the full year at the CMS GEM lab. This helped me increasing the hands-on experience with the GEM detectors assembly, validation, testing,....
- In October 2024, I joined the IIHE Instrumentation group at ULB as a PhD student under the Supervision of Prof. Gilles De Lentdecker.
- My PhD thesis work is related to the Development of an ME0 Fast Track Finder for the Level1-Trigger “Artificial Retina” + Studying the Performance & Validation of a new design CMS GEM (GE1/1) detector Prototypes (CMS GEM Lab at CERN).
- I am spending most of the time at the CMS GEM lab at CERN to work on the prototypes + participation in the ME0 detectors assembly and validation.

Stef Duponcheel

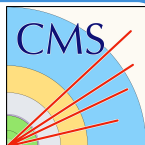
BA & MA @ VUB

H+c effort



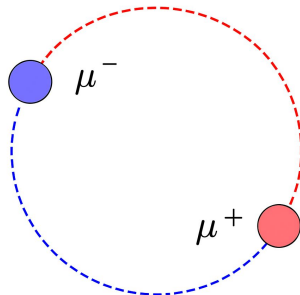
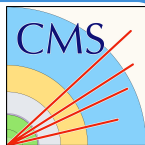
Summer internship @ CERN

CMS ME0 test beam studies



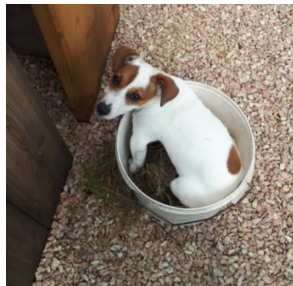
PhD @ VUB

The search for True Muonium
with the CMS experiment



Hobbies

Only running atm., but here are
some pictures



Dylan Frikken

- PhD 2025 Ohio State University
- Working with RET & RNO-G
- Research Interests: UHE neutrino detection, cosmic ray detection
- Hobbies: Disc golf, cooking, video games

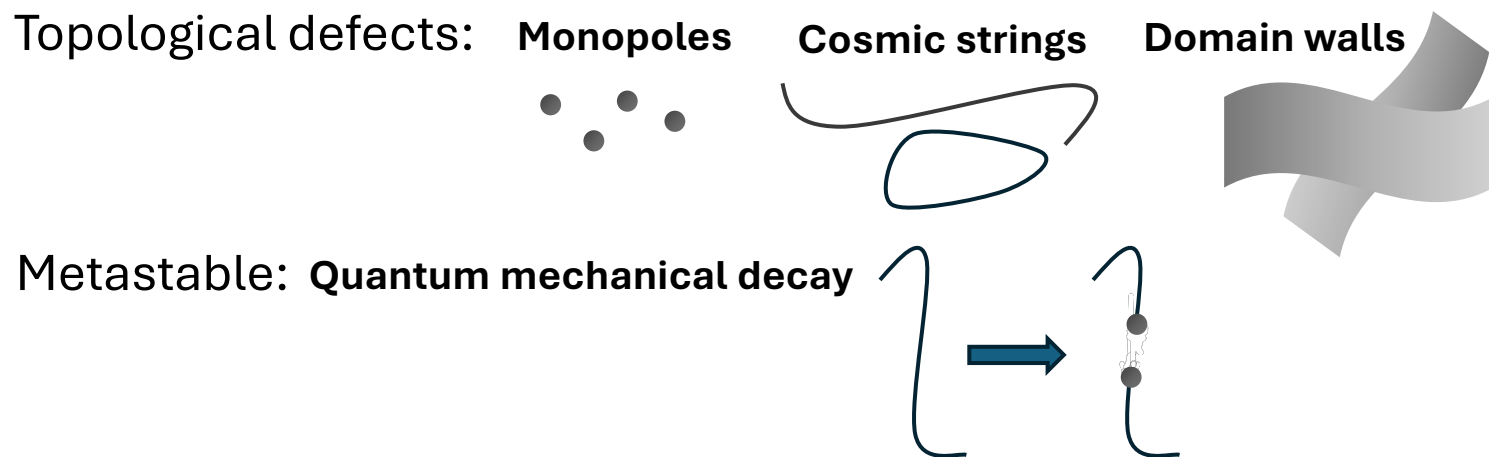


Maxime Grandjean



Supervisor: Alberto Mariotti

Metastable topological defects in the Early Universe



- Early Universe:
- Phase Transitions
 - Grand Unified Theories
 - Magnetic monopoles
 - ...

GOAL: Study their stability, dynamics and phenomenology
→ **Probe Beyond Standard Model physics**

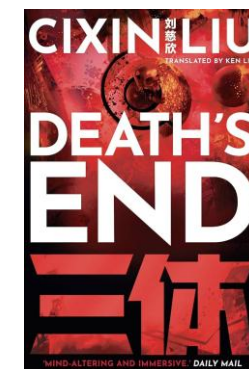


About me

Watching movies



Reading books



Drawing