

My research in 180 seconds

- **Katharina Kersing**
- Charité & Université Paris Cité

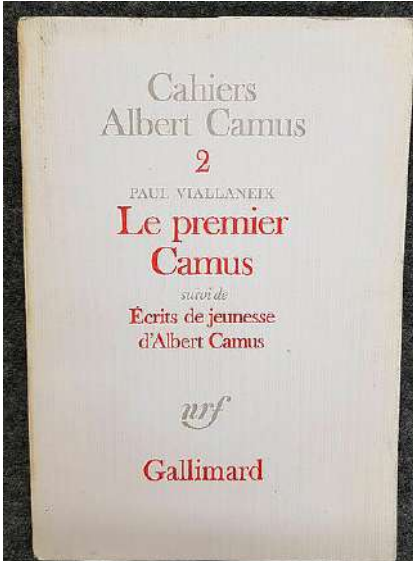
Albert Camus' philosophisches Frühwerk: neue Quellen und Perspektiven

Dr. Oliver Victor
(Heinrich-Heine-Universität Düsseldorf)

9. deutsch-französischer Tag der Nachwuchsforschenden

Institut français Berlin

05.07.2024



Écrits de jeunesse: 1931-1934

- Übersetzung
- Einleitung + kritischer Kommentarapparat
- 2-sprachige Ausgabe: erscheint 2025 bei Peter Lang (Reihe *Studia philosophica et historica*)



- Philosophiegeschichtliche Perspektiven
- Anthropologie und Kulturphilosophie

Vielen Dank für Ihre Aufmerksamkeit!

Weiter Infos unter:

<https://www.philosophie.hhu.de/professuren/seniorprofessur-philosophie-und-ihre-geschichte-christoph-kann/forschungsprojekte/albert-camus>

Japan

1. Natural Hazard Assessment and Mitigation



Earthquake
Volcanism
Landslide and Tsunami

3. Environmental Protection and Sustainability

Pollution Detection and Cleanup
Climate Change Studies
Renewable Energy



Understanding Earth's Interior:
GEOPHYSICS

2. Resource Exploration and Management



Oil and Gas Exploration
Mineral Exploration
Groundwater Management

4. Infrastructure Development and Safety

Construction Site Analysis
Transportation Projects



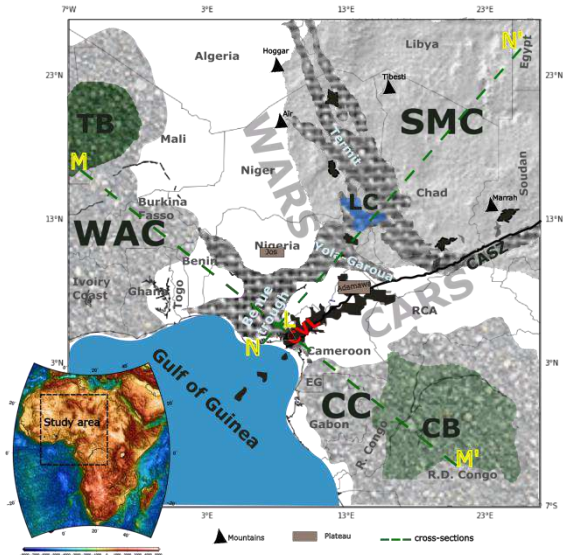
Turkey



Island

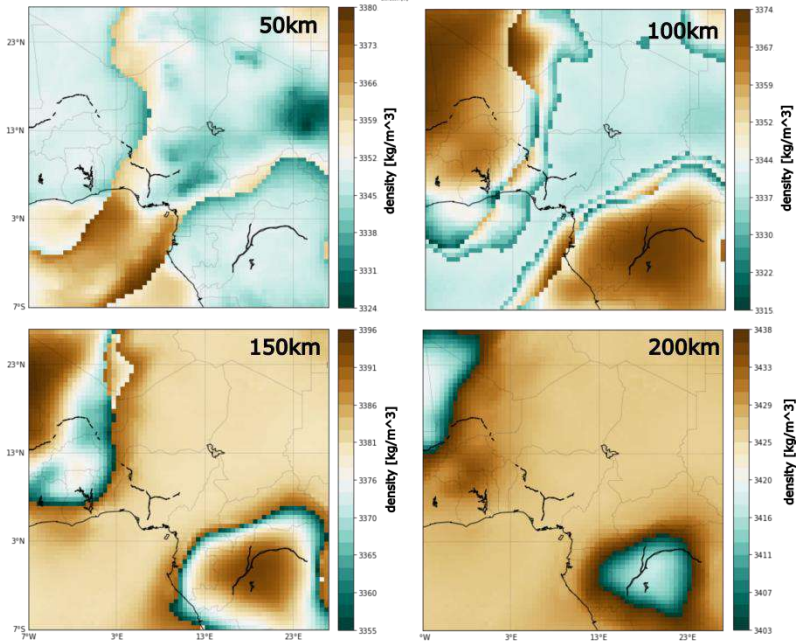
Eric Moussé Fosso,
PhD Candidate at the University of Kiel.
Under the supervision of Prof. Dr. Jörg Ebbing

Study area:
 The West and Central African rift zone and adjoining cratons



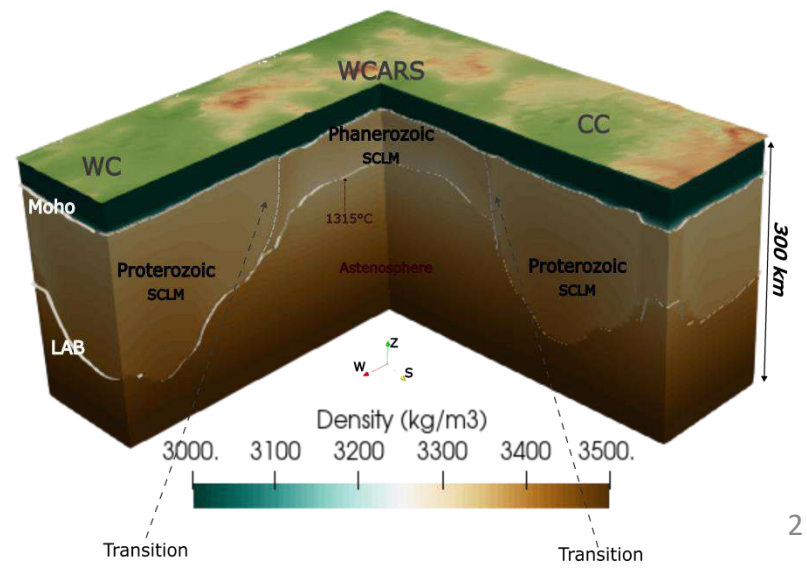
Many physical and compositional parameters are integrated

Data	Description	Reference
Elevation: ETOPO1	Model geometry & gravity reduction	Amante and Eakins (2008)
Gravity: Spherical harmonic global earth model XGM2019e	Observable to calculate gravity and gravity gradients	Zingerle et al. (2020)
Seismic Moho depths	Initial Moho depth and local constraints	Mooney et al. (2010) and Globig et al. (2016)
Seismic tomography model AF2019	Input for cluster analysis	Celli et al. (2020)
Global model Crust1.0	Geometry of sedimentary thickness	Laske et al. (2013)
Continental model WINTERC-G	Geometry of initial LAB	Fullea et al. (2021)
Heat flow	Observable used for discussion only	Lucazeau (2019)



Horizontal slides of density

Data processing by coding,
 and outcome of the 3D
 model of the lithosphere





JGR Solid Earth

RESEARCH ARTICLE




10.1029/2024JB029226

Key Points:

- We present a new 3D model of the lithosphere for the West and Central African Rift System (WCARS)
- Our model confirms that the WCARS has a passive origin
- Our model suggest that the origin of the

Integrated Geophysical-Petrological 3D-Modeling of the West and Central African Rift System and Its Adjoining Areas



Estelle Eric Fosso Téguia M^{1,2} , Jörg Ebbing¹ , Peter Haas³ , and Wolfgang Szwilius¹

¹Institute of Geosciences, Kiel University, Kiel, Germany, ²Institute for Mining and Geological Research, Yaounde, Cameroon, ³GEOMAR Helmholtz Centre for Ocean Research, Kiel, Germany

Thank you!

eric.mousse@ifg.uni-kiel.de