



PERSONAL INFORMATION **Laura Martikainen**

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🆔 **ORCID** [0000-0003-1609-3515](https://orcid.org/0000-0003-1609-3515)

WORK EXPERIENCE

4/2024 – Present **Postdoctoral researcher (assegno di ricerca)**

Sapienza University of Rome, Rome, Italy

11/2017–12/2024 **Doctoral researcher**

Helsinki Institute of Physics, Helsinki, Finland

9/2015–10/2017 **Research assistant**

Helsinki Institute of Physics, Helsinki, Finland

5/2015–8/2015 **Summer student**

CERN, Geneva, Switzerland

EDUCATION AND TRAINING

2023 **Doctor of Philosophy (PhD)**

University of Helsinki, Helsinki, Finland.

PhD thesis: Measurement of the inclusive jet cross section at $\sqrt{s} = 13$ TeV with the CMS experiment.

2017 **Doctor of Philosophy (PhD)**

University of Helsinki, Helsinki, Finland.

Master's thesis: Diamond Radiation Detectors and their Quality Assurance Measurements for the TOTEM upgrade

2016 **Bachelor of Science**

University of Helsinki, Helsinki, Finland.

BSc thesis: Momentum Distributions of Top Quark Pairs in the CMS Experiment at 13 TeV Centre of Mass Energy

PUBLICATIONS

On the CMS collaboration author list since 2021.

Full list of publications at INSPIRE: inspirehep.net/authors/1631274

Peer-reviewed articles with strong personal contributions:

Naaranoja, T., Golovleva, M., Gädda, A., Martikainen, L., Ott, J., Berretti, M., Garcia, F., Luukka, P., Tuuva, T., Österberg, K. (2019). Irradiated Single Crystal Chemical Vapor Deposition Diamond Characterized with Various Ionizing Particles. *Phys. Status Solidi A*, [1900361]. doi.org/10.1002/pssa.201900361

Naaranoja, T., Golovleva, M., Martikainen, L., Berretti, M., Österberg, K. (2019). Space charge polarization in irradiated single crystal CVD diamond. *Diam. Relat. Mater.*, 96, 167-175. doi.org/10.1016/j.diamond.2019.03.007

OTHER

2020–2021 Member of the ECFA Early Career Researcher panel, representing Finland.

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 196/2003, coordinato con il Decreto Legislativo 101/2018, e dell'art. 13 del GDPR (Regolamento UE 2016/679) ai fini della pubblicazione in Amministrazione Trasparente - Sapienza come da normativa vigente.