

Stanford



Andreas Blommaert

Postdoctoral Research Fellow, Physics

Bio

HONORS AND AWARDS

- Fellow, Belgian American Educational Foundation (2020)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Universiteit Gent (2020)
- Master of Science, Universiteit Gent (2016)
- Bachelor of Science, Universiteit Gent (2014)
- PHD, Ghent University , Physics (2020)
- MSC, Ghent University , Engineering Physics (2016)
- BSC, Ghent University , Engineering Physics (2014)

STANFORD ADVISORS

- Stephen Shenker, Postdoctoral Faculty Sponsor

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Quantum gravity

Publications

PUBLICATIONS

- **Fine structure of Jackiw-Teitelboim quantum gravity** *JOURNAL OF HIGH ENERGY PHYSICS*
Blommaert, A., Mertens, T. G., Vershelde, H.
2019
- **Clocks and rods in Jackiw-Teitelboim quantum gravity** *JOURNAL OF HIGH ENERGY PHYSICS*
Blommaert, A., Mertens, T. G., Vershelde, H.
2019
- **The Schwarzian theory a Wilson line perspective** *JOURNAL OF HIGH ENERGY PHYSICS*
Blommaert, A., Mertens, T. G., Vershelde, H.
2018
- **Edge dynamics from the path integral - Maxwell and Yang-Mills** *JOURNAL OF HIGH ENERGY PHYSICS*
Blommaert, A., Mertens, T. G., Vershelde, H.

2018

- **Edge state quantization: vector fields in Rindler** *JOURNAL OF HIGH ENERGY PHYSICS*
Blommaert, A., Mertens, T. G., Vershelde, H., Zakharov, V.

2018