

Stahl Clément

Position: Erasmus Mundus PhD student
Period covered: 2015-present



I Scientific Work

Accelerated period of expansion of the Universe

II Conferences and educational activities

II a Conferences and Other External Scientific Work

- 1) 10 February 2015: group seminar in Pescara: Magnetic fields in the sky
- 2) April 2015 : 2nd Cesar Lattes meeting, Rio. Talk: Pair creation in the early universe
- 3) 06 May 2015: ICRANet Lectures 2015, Lecturer: Fine tuning for life
- 4) July 2015 :Marcel Grossmann meeting. Talk:Pair creation in the early universe
- 5) July 2015: Italian Korean meeting: Talk: Fractal matter distribution and supernovae IA
- 6) September 2015: Astrophysical Probes of Fundamental Physics: a PhD school in Ferrara, Talk: Fractal matter distribution and supernovae IA
- 7) October 2015: The information Universe, Groningen
- 8) 12 october 2015: Nordita High energy physics seminar, Stockholm, Talk: Fermionic pair creation and current in de Sitter spacetime

II b Work With Students

II c Diploma thesis supervision

II d Other Teaching Duties

II e. Work With Postdocs

III. Service activities

III a. Within ICRANet

III b. Outside ICRANet

IV. Other

V. 2015 list of Publication :

Stahl C., Fractal matter distribution and supernovae, in preparation (2015)

Stahl C., Strobel E., Xue S-S, Fermionic current and Schwinger effect in de Sitter spacetime, submitted arXiv :1507.01686 [gr-qc]

Stahl, C., Strobel E., Semiclassical fermion pair creation in de Sitter spacetime, submitted arXiv :1507.01401 [hep-th]

Stahl C., Strobel E., Xue S-S, Pair Creation in the early universe, submitted (2015)