Position 1

Scientific Area of SISSA: Physics

Area: 02 – PHYSICAL SCIENCES
Competition sector: 02/B2 Theoretical physics of matter
Relevant academic scientific sector: FIS/03 Physics of matter

Aree rientranti nella macrostrategia EUSALP:
si veda http://www.alpine-region.eu/

Aree rientranti nella macrostrategia EUSAIR:
si veda http://www.adriatic-ionian.eu/

Scientific responsible: Prof. Massimo Capone

Duration of the fellowship: 24 months

Foreseen starting date of the activity: 01/12/2016

Gross annual fellowship: € 27.000. This amount might be increased according to the cost of living in the country of destination of the candidate (see Annex 1b).

Requisites: PhD in Physics or equipollent title;
Degree in Physics or equipollent title;
Experience in research activities in Condensed Matter Physics, Strongly correlated systems.

Gross total cost of the research fellowship € 65.935: shall be funded by project HEaD – HIGHER EDUCATION AND DEVELOPMENT SISSA OPERATION 3 (FP1619889004), approved with decree of the autonomous region Friuli Venezia Giulia n. 2242 dated 11.04.2016 for the exclusive scope of the project funding the research fellowship. This amount might be increased according to the cost of living in the country of destination of the candidate (see Annex 1b).
Evaluation criteria:

PhD: max 20 points

University degree: max 15 points

Published works and other research products: max 25 points

Other postgraduate degrees: max 5 points

Other titles: max 5 points

Research project: max 30 points

**Position 2**

Scientific Area of SISSA: Mathematics

Area: 01 – Mathematics and information technology sciences

Competition sector: 01/A2 Geometry and Algebra

Relevant academic scientific sector: MAT/03 Geometry

Areas belonging to the EUSALP macro-strategy:

see [http://www.alpine-region.eu/](http://www.alpine-region.eu/)

Areas belonging to the EUSAIR macro-strategy:

see [http://www.adriatic-ionian.eu/](http://www.adriatic-ionian.eu/)

Scientific responsible: Prof. Ugo Bruzzo

Duration of the fellowship: 24 months

Foreseen starting date of the activity: 1 January 2017

Gross annual fellowship: € 27,000. This amount might be increased according to the cost of living in the country of destination of the candidate (see Annex 1b).

Requisites: PhD in Mathematics;

Experience in studying problems relevant to enumerative invariants and string theory, even proved by published works or preprint.
Gross total cost of the research fellowship € 65,970: shall be funded by project HEaD – HIGHER EDUCATION AND DEVELOPMENT SISSA OPERATION 3 (FP1619889004), approved with decree of the autonomous region Friuli Venezia Giulia n. 2242 dated 11.04.2016 for the exclusive scope of the project funding the research fellowship. This amount might be increased according to the cost of living in the country of destination of the candidate (see Annex 1b).

Evaluation criteria:

PhD: max 25 points

University degree: max 5 points

Published works and other research products: max 25 points

Other post-lauream degrees: max 5 points

Other titles: max 10 points

Research project: max 30 points