

L'AGAPE

MEZEYRAC, JUL. 25 – AUG. 3
SUMMER-SCHOOL FOR THEORETICAL PHYSICS

Young physicists, mathematicians and philosophers shall retreat to the tiny village of Mézeyrac in the French Massif Central to explore the very boundaries of the thinkable world. The goal of this summer-school is to share deep discussions about theoretical physics, and both its mathematical and philosophical foundations in an open, critical and creative way for an intense time of learning, reflection and enlightenment.

With up to 18 participants, l'Agape sees a partition between five 4-hour in-depth courses given in the mornings and open and creative activities in the afternoons to foster discussions. Each participant will also hold a short 20-minute talk during the evening aperitif. The courses cover a broad range of topics in theoretical physics:

- **Tommaso De Lorenzo**, *Information-loss paradox*
- **Juliusz Doboszewski**, *History and philosophy of global spacetime structure in general relativity*
- **Robin Lorenz**, *Lessons from quantum causal structure*
- **Romain Ruzziconi**, *Asymptotic symmetries in the gauge fixing approach and the BMS Group*
- **John van de Wetering**, *Quantum theory from first principles*

Location:

An old refurbished, family-owned farm-house in the tiny French village of Mézeyrac (Présailles), lost amongst the (extinct) volcanoes of the Auvergne region.

Fee:

The fee of € 150 (to be paid in advance) covers accommodation, food and minibus transport from Le Puy-en-Velay to Mézeyrac. Financial support is available for participants with no support from their institution.

Application:

L'agape encourages the participation of young researchers from all fields (physics, mathematics, computer science, philosophy, history, biology, etc.) as long as they share our conceptual interest for physics. All participants give a 20 min-talk on a subject aiming at broadening our horizons, enlightening conceptual issues rather than technical peculiarities. To apply, fill-in the following application form before May 1st:
<https://forms.gle/UYHKzttWNNof4TfB9>

For more information, visit the website: agape2020.sciencesconf.org !