Winners Call #3 Blaumann Foundation

An alternative proposal to construct spin foam models for quantum gravity

Spacetime boundaries and quantum reference frames in full quantum gravity

The role of spatial curvature in constraining the Universe anisotropies across a Big Bounce

Phenomenology and Numerical Analysis for Loop Quantum gravity and Spin-Foam theory

| Name | Project |
|------------------------------|---|
| Anne-Catherine de la Hamette | Locality and causality in quantum superpositions of spacetime |

Intertwiner Space From Quantum Closure Condition

Create new ties between future physicists and philosophers

Summer School and Loops' 24

Loops'24 Summer School

Summer School and Loops' 24

The universe, the observer and the passage of time

Group Field Theory and spacetime functionalism: A case study **Entanglement and Black-Hole Information** Emergent effective dynamics from loop quantum gravity and spinfoams Entanglement structure of the universe we inhabit Workshop on "Feminist Philosophy of Physics"

Ivan Agullo Jingyi Wu Jordan Grujićč

Bilyana Tomova

Chen-Hung Hsiao

Eleonora Giovannetti

Carlos de Oca

Daniele Oriti

Dongxue Qu

Emilia Margoni

Hongguang Liu

Muxin Han

Qiaoyin Pan

Richard East

Zhang Cong

Veronika Baumann

Erick Muino Garcia

Li Haida

Applications of Spinfoam Model with A Cosmological Constant Computational power of spin-networks The role of observers in quantum theory and the quantum measurement problem