

# Computational fluid dynamics study of helium-air heat pipe heat exchanger for application in nuclear reactors

## Abstract Category

Nuclear Physics

**Author:** Ms PULE, Katlego (Department of Mechanical Engineering Science, University of Johannesburg, Auckland Park, Johannesburg, South Africa.)

**Co-authors:** Mr MATHYE, Ally (Department of Mechanical Engineering Science, University of Johannesburg, Auckland Park, Johannesburg, South Africa.); Dr IGUMBOR, Emmanuel (Department of Mechanical Engineering Science, University of Johannesburg, Auckland Park, Johannesburg, South Africa.); Dr RALIJAONA, Hasina (Department of Mechanical Engineering Science, University of Johannesburg, Auckland Park, Johannesburg, South Africa.); Prof. SLABBER, Johannes (Department of Mechanical Engineering, University of Pretoria South Africa); Prof. CONNELL, Simon (Department of Mechanical Engineering Science, University of Johannesburg, Auckland Park, Johannesburg, South Africa.)

**Presenter:** Ms PULE, Katlego (Department of Mechanical Engineering Science, University of Johannesburg, Auckland Park, Johannesburg, South Africa.)

**Track Classification:** Physics Research