# **Special Issue**

### Pseudo-Riemannian Metrics and Applications

### Message from the Guest Editor

The purpose of this Special Issue is to collect original and survey papers concerning relevant state-of-the-art results on pseudo-Riemannian metrics and their applications to Physics. A non-exhaustive list of topics includes homogeneous pseudo-Riemannian manifolds, Lorentzian manifolds, special curvature properties, tangent and unit tangent sphere bundles, Einstein manifolds and Ricci solitons, geodesic and magnetic curves, geometry of submanifolds, pseudo-Riemannian Lie groups, symmetries, special connections and metrics, methods of (pseudo-)Riemannian geometry, and harmonic maps.

#### Guest Editor

Prof. Dr. Giovanni Calvaruso Dipartimento di Matematica e Fisica 'E. De Giorgi', Università del Salento, Prov. Lecce-Arnesano, 73100 Lecce, Italy

#### Deadline for manuscript submissions

closed (30 April 2020)



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### Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

### Editor-in-Chief

Prof. Dr. Humberto Bustince Department of Statistics, Computer Science and Mathematics, Public University of Navarra, 31006 Pamplona, Spain

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