Advances in Galaxy Clusters

Guest Editor:

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Deadline for manuscript submissions:
closed (28 February 2023)

Message from the Guest Editor

Dear Colleagues,

The science of galaxy clusters is entering a new era. Upcoming X-ray missions promise to provide important clues on galaxy cluster physics, from the chemical evolution of the intracluster medium to the non-thermal motions prevalent therein. The former will shed light on the origin of various elements, be it SNe Ia or SNcc, while the latter will test models of AGN feedback and will assess any biases that may enter the cosmological utility of galaxy clusters. Furthermore, upcoming radio projects will shed light on the high-energy particle content of clusters, as well as on the role of the magnetic fields that permeat their atmospheres.

This Special Issue invites observational and theoretical papers in anticipation and in support of these upcoming developments.

Dr. Marios Chatzikos
Guest Editor

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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