

## Preface

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This volume includes all the contributions presented at the fourth edition of “IWM-EC”, International Workshop on Multi facets of EoS and Clustering, held in November 2021 at Grand Accélérateur National d’Ions Lourdes (GANIL) in Caen, France.

The meeting, organized every two years alternately in France and Italy, follows a long tradition of conferences organized by CHIMERA and INDRA Collaborations in the past years and focuses on the more recent experimental and theoretical achievements in the field of heavy ions physics, related to fragmentation and clustering phenomena. A large variety of traditional topics together with some new subjects were thus explored thanks to a rich scientific program, keeping connection and continuity with the previous editions and at the same time following the current and future interests in the field.

Postponed twice due to the world COVID19 pandemic started in March 2020, the workshop was finally attended in presence and in remote mode by around 80 people coming from many countries, with a strong presence of graduate and PhD students. Several general talks and various oral contributions presented new exciting results, sophisticated theoretical calculations as well as recent developments in the experimental devices, illustrating the state of the art of these researches.

The enthusiasm of all participants and the lively discussions show a fertile and active research field, addressed towards the achievements of new ideas and results. We hope that the reading of this volume will transmit this same enthusiasm, increasing interest in these exciting issues.