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## Nuclear Science and Safety in Europe

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- Recent experimental and theoretical results on the fundamental properties of the matter
- Structure and interaction of nucleons and nuclei at high energies
- Properties of the nuclear matter at extreme conditions (high energy densities, etc.)
- Proposals on the peaceful use of the nuclear energy

Recent results on the nature of low-, intermediate- and high-energy nuclear forces as well as on the internal structure of nucleons and atomic nuclei are presented. Prospects to find a new state of the nuclear matter at extreme conditions that existed in the early Universe and the utilisation of the nuclear energy are discussed.

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