

Good morning and welcome,

It is an honor for me to open this conference dedicated to the memory of Daniel Gogny. I had the opportunity to meet him during his regular visits to Bruyères-le-Châtel, when I was head of the theoretical and applied physics section.

This scientific event was desired and organized by the French Alternative Energies and Atomic Energy Commission on the Bruyères-le-Châtel site, dear to the heart of Daniel. The presence in this room of internationally renowned scientists belonging to prestigious institutions, as well as our highest supervisory authorities certainly underlines the extent of the contribution of Daniel Gogny in physics and particularly in nuclear physics. Moreover, as Daniel has worked throughout his career to pass on his passion to the younger scientists, there are several generations of physicists who will succeed here to honor him and show the legacy he passed on to them.

This first day is an opportunity for his collaborators to recount his very high level scientific career in various areas of physics: electromagnetism, atomic physics and plasma, and nuclear physics which was his favorite topic. The succession of speakers, reveals Daniel Gogny's genuine and intense scientific involvement.

The following days will bring together, for the first time at an international level, nuclear physics theoreticians developing and using finite range nucleon-nucleon effective interactions, especially the interaction that bears his name. This will be the opportunity to present current developments on these effective interactions and associated many-body methods for structure and nuclear reactions.

Moreover, as it will be illustrated during the conference, progress in these fundamental studies, made possible by supercomputers, strengthens the links between applications and microscopic approaches. This link between basic developments and applications has always been present in Daniel's scientific approach.

I now give the floor to Jean Lachkar who will talk about his collaboration with Daniel Gogny for many years.

Thank you for your attention and enjoy the conference