

## FOREWORD

**Massimo Salvatores**

GIF Policy Director

Generation IV International Forum has been a challenging initiative in 2001 and a precursor of what we call today “Nuclear Renaissance”. Today it is internationally recognized that the Generation IV International Forum has been a continuous, effective and very successful focal point for collaborative R&D activities for future nuclear systems.

After the establishment of the initial Roadmap, the System Steering Committees with the help of the Expert Group have been able to launch significant collaborative projects, consistent with medium and long term objectives.

The Methodology Working Groups have produced documents that have and will have impact on future developments in key areas of future system assessment.

Most of the work performed under GIF, has led to individual technical presentations or invited presentations at International Conferences. Recently, Annual Reports have been compiled and widely distributed.

However, to foster the visibility of the overall consistency and progress of the technical work performed under GIF, it seemed appropriate to hold a *GIF Symposium*, open to the wider Generation IV scientific and industrial community.

The objective is to give a well documented state of the art of the initiative and to report and discuss the most significant technical progress and evolution in the different areas during these last ten years.

Another significant objective for this Symposium is to provide a forum for an open and hopefully lively discussion of the perspectives, priorities and challenges for the next few years, accounting for a rapidly evolving environment.

As for the Symposium program, we have organized three technical sessions and, also as part of the Symposium, a plenary session of GLOBAL 09 is fully devoted to Generation IV. We are grateful to the GLOBAL 09 Organisers to have accepted our proposal that had the objective to expose an even larger scientific community to the status and perspectives of the Generation IV initiative.

A Symposium like this one can only be successful if there is a group of dedicated, enthusiastic people that make things happen in practice. And we had the chance to be able to rely on Sunil Félix, Caroline Thoorens and on the secretariat staff at the OECD NEA, and in particular Angélique Servin and Evelyne Bertel: all of them have made an outstanding job.

Moreover, the Symposium did put an extra burden on key technical people in order to present the GIF activities and to document these activities in these proceedings to be widely distributed thanks again to the support of NEA. All of them have to be thanked warmly.

Finally, I like to acknowledge the continuous support and crucial advice of the GIF Chairman Jacques Bouchard and of all the Policy Group.

