



**EUROPEAN COMMISSION**  
Information Society and Media Directorate-General  
Emerging Technologies and Infrastructures  
Future and Emerging Technologies (FET) - Proactive

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Offentligt

06 AOUT 2007

Brussels,  
DG INFSO/F1/AK/jh D(2007) 829206

Dear Sir/Madam,

**Subject: FET publication**

✦ It is a pleasure to send you the publication:

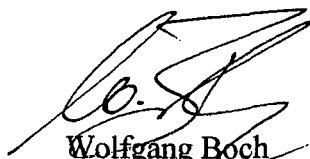
*Quantum Information processing and Communication  
FET proactive initiative in the IST Research Program  
1999 – 2006*

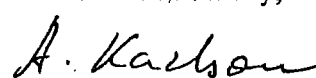
During its existence, the proactive initiative has gone through an impressive evolution. Activities have substantially expanded reflecting the fast development and the increasing spectrum of subjects of the underlying research. The initiative has become a fully structured, logically connected and intertwined set of projects, activities and events within a well established scientific community. This publication is an attempt to collect the related information in a structured way and to present an overview, showing this evolution in all its diversity and its richness.

The European QIPC community is very dynamic and has been at the forefront of research since the very beginning. Their excellence is shaping this new field which will contribute to shaping the information technologies of the future. We would like to thank them for their dedication, long term efforts and continuous collaboration with the FET QIPC proactive initiative in general, and for their contribution to this publication in particular.

We hope that this publication will give you a glimpse of the rich and interesting work taking place in the QIPC research community in Europe and will seduce you with the fascinating concepts of quantum information. We would like to wish you a pleasant and productive reading and we would very much welcome your comments.

Additional information is available on our web site: <http://cordis.europa.eu/ist/fet/qipc.htm>.

  
Wolfgang Boch  
Head of Unit

Yours faithfully,  
  
Antonella Karlson  
Coordinator - FET QIPC  
Proactive Initiative

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✦ Publikationen er fremlagt til låns i Udvalgssekretariaternes arkiv (5553)