

Your Research Needs Lasers?

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LASERLAB EUROPE.

The Integrated Initiative of European Laser Laboratories

Lasers are an indispensable high-tech tool in most areas of sciences, life sciences and technologies. Europe has a leading role in laser research. LASERLAB EUROPE, the laser research infrastructures network funded by the 7th Framework Programme of the European Community, is strengthening this position through tight cooperation between world-leading laboratories.

The objectives of the project are

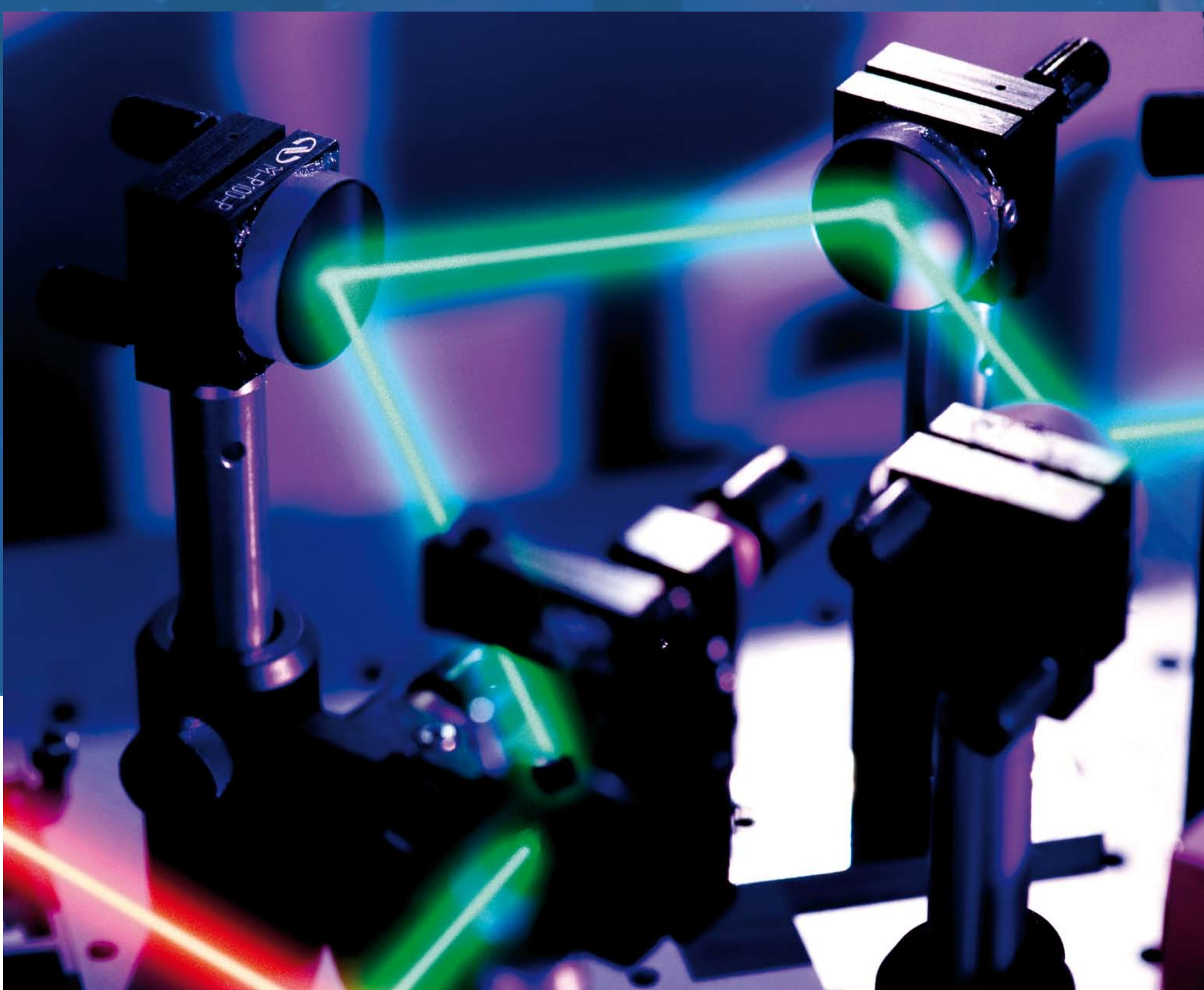
- to form a sustainable inter-disciplinary network of European national laser laboratories;
- to strengthen the European leading role in laser research through Joint Research Activities (JRA), pushing the laser concept into new directions and opening up new applications of key importance;
- to ensure that European researchers have access to state-of-the-art laser infrastructures in order to perform world-class research.

LASERLAB EUROPE brings together 26 leading laboratories in laser-based inter-disciplinary research from 16 European Member States. Apart from a number of networking activities, five major Joint Research Activities (JRA) deal with the most important scientific challenges in laser research and aiming at integrating new scientific communities. The JRA address attosecond laser science, high energy lasers, lasers of new wavelengths including x-ray lasers, laser acceleration and biological applications of lasers. LASERLAB EUROPE is thus pushing the laser concept into new directions and opening new application fields, both for the benefit of the European user community and for the optical sciences and technologies as a whole.



Transnational Access

One of the major goals of the network is to provide access to top-quality laser research facilities for scientists all over Europe. Access is granted free of charge to successfully evaluated research proposals, travel and accommodation is covered by the host infrastructure under the EU RI action. LASERLAB EUROPE offers about 1100 experiment days per year to external users within the Seventh Framework Programme. Research proposals are reviewed by external scientific referees under the auspices of an independent Selection Panel. A permanent Call for Proposals may be found under www.laserlab-europe.eu.



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