



NEXPRESSO Newsletter Summer 2011

There are three different types of participation in NEXPRESSO.

Type 1

This is a continuation of the ACCORD mechanism. Manufacturers register pre-market components on which they would like researchers to conduct experiments. These components are displayed on the NEXPRESSO web site and Researchers are asked to propose projects with a selected component. The proposals are assessed and the best are selected to enter contract negotiations. NEXPRESSO purchase the component and offer it to the researcher to undertake the proposed project.

Type 2

Under this mechanism researchers can ask for a component not currently available in the market in order to progress their research. Manufacturers can then propose components nearing market launch. AS IN Type 1 NEXPRESSO will purchase the component and provide it to the researcher.

Type 3

In this mechanism an "End-User" can suggest a research project using a component not yet in the market. The Researcher and component supplier have to be identified. Once this has been achieved NEXPRESSO buys the component and provides it to the researcher.

State of the 3 Mechanisms

Type 1

The first call for components and call for research projects is complete and 4 project awards have been made. The successful projects are:-

University	Research Project Title	Component offered by:-
Institute of Photonic Sciences Barcelona, Spain	Compact STED CW sources emitting in the yellow range	Solus Technology, Glasgow UK
Institute of Photonic Sciences Barcelona, Spain	Super Resolution Multimodal Microscopy with Ytterbium Laser Systems	Time-Bndwidth Products AG, Zurich, Switzerland
Institut Currie, Paris, France	Adaptive Optics in Spinning Disc Microscopy of living samples	COSINGO Imagine Optic Spain S.L., Barcelona, Spain
CNIT(Inter-University National Consortium for Telecommunications), Pisa, Italy	Toward Integrated Photonic assisted fully-digital radar transceiver	Selex Systemi Integrati SpA, Rome, Italy

The second call for components is complete and the second call for research proposals is open until 26th August 2011.

The components available are listed on the NEXPRESSO web site in the members area. Hence if you wish to present a proposal please register on the site unless you are already a member.

Type 2

Two research projects have requested pre-market components from manufacturers.

These are listed in the members' area of the NEXPRESSO web site under Proposals and Projects sub heading Components Requested.

If you are a manufacturer with an appropriate offering please submit a proposal as the Call is now open.

Type 3

NEXPRESSO has received one Type 3 proposal and is now working to bring the team together.

Sustainability

From our experience to date, the ACCORD and NEXPRESSO idea is enormously popular, even though the amount of actual funding is small. We believe that the collaborations that are formed are seen to be highly valuable. This may also explain why some organizations are willing to contribute to the overall project cost in order to enable it to proceed.

However, without some money on the table, nothing happens. Therefore sustainable operation means finding an organisation(s) that sees the value of putting some money on the table. This will not be the European Commission, as two programmes have now been funded. Hence we would like to identify national or local funding agencies which may be interested in a NEXPRESSO project in order to increase the interaction between Academia and Industry. It is not practical for the NEXPRESSO partners to approach all the European agencies. Hence if you can survey your local funding agencies to see if there is interest, NEXPRESSO would welcome the chance to speak to them on the operation of the programme. Ideally we would like to see NEXPRESSO like schemes spring up all over Europe to continue the excellent results from ACCORD and NEXPRESSO.

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