

## New order for a research machine in France

Bezons, December 12<sup>th</sup>, 2013 5:45 pm - Riber, the global leader for molecular beam epitaxy (MBE), is announcing the sale to the IES electronics institute in Montpellier (France) of an MBE412 III-V system, and of a major upgrade for an existing Compact21 system.

These acquisitions will further strengthen and renew the fleet of equipment in place at the IES, a joint research unit involving Université Montpellier 2 and the Institute for Engineering and Systems Sciences (INSIS), which is part of the French national center for scientific research (CNRS). They are being funded by the "equipment for excellence" (*EquipEx*) program in connection with France's "Investments for the Future" initiative.

This equipment will contribute towards improving the research capabilities of the "nanoMIR" research group within the IES, a world-leading group for III-V semiconductor components within the GaSb antimonides sector. More specifically, Professor Eric Tournié, who heads up this group, has confirmed that *"this equipment will make it possible to further strengthen the work carried out on innovative optoelectronic components, laser diodes and photodetectors, operating in infrared, as well as the work on their integration with silicon, the core technology for electronics. The applications for these components include major economic sectors (photonics, defense, telecommunications, etc.) and societal sectors (environment, health, etc.)."* 

Professor Eric Tournié has also confirmed that, "in addition to outstanding performance capabilities, the RIBER MBE412 system sold to the IES offers very high modularity and a unique technique for processing large-format substrates for the controlled development of III-V semiconductor-based nanostructures. The refurbishment of the IES' Compact21 reactor will transform it into a totally new, modular cluster system, with an identical configuration to that of the MBE412 system."

This equipment, the only one of its kind in Europe, will make it possible to structure academic and industrial research in the GaSb-based semiconductor component field, in line with the objectives of the EquipEx program.

This order with a leading European laboratory, within the framework of France's investments for the future program, confirms RIBER's key position in the semiconductor research sector.

## About RIBER:

Riber designs and produces molecular beam epitaxy (MBE) systems as well as evaporation sources and cells for the semiconductor industry. This high-technology equipment is essential for the manufacturing of compound semiconductor materials and new materials that are used in numerous consumer applications, from new information technologies to OLED flat screens and new generation solar cells.

Riber recorded €27.4 million in revenues in 2012 and employs 111 people. The company is ISO9001 certified. Riber is listed on NYSE-Euronext Paris, Compartment "C", and is part of the CAC Small, CAC Mid & Small, CAC Technology and CAC T. HARD. & EQ indices. Riber is one of the best-rated companies in the Gaïa-index, the leading SRI index for French mid-caps.



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