

Press Release



Space Codesign joins the European embedded systems domain of the Institute of Technology (IRT) Antoine de Saint Exupéry

Space Codesign's ESL hardware/software co-design solutions will be used in a cutting-edge research project with leading aerospace companies as it joins the IRT Antoine de Saint Exupéry.

Montreal, Quebec, Canada (December 3rd, 2014)

Space Codesign® Systems, the developer of next generation electronics design software in ESL (Electronic System Level) and hardware/software co-design, announces its participation in an industrial research project with the Institute of Technology, Antoine de Saint Exupéry (IRT A. de Saint-Exupéry).

The Space Codesign team will collaborate in the development of a new design flow for embedded silicon systems in aerospace electronics and avionics as an expert in hardware/software co-design and virtual platforms, with over ten years of experience. Space Codesign and other IRT A. de Saint Exupéry members will work together to reduce the time and effort required to design such systems, which have become increasingly complex. *"One of our main goals is to define methods and tools to get software and hardware architecture right the first time, and to realize products earlier at lower cost"*, said Calixte Champetier, Head of Embedded Systems Domain at IRT A. de Saint Exupéry. *"We are targeting 30% reduction in cycle time and cost, which is ambitious, but we believe that SpaceStudio's™ end-to-end automation will play an important role in this new flow to achieve these goals. It will not only reduce development cycle time and costs, but also improve design quality by creating better code."* Champetier added.

The European aerospace industry will benefit from using emerging new methodologies, realizing advantages from improved designer productivity, cost control and risk mitigation. SpaceStudio's enhanced capabilities in design creation will assist the European aerospace industry to deal with data processing requirements in future aircraft and satellite systems. *"This will be a major effort in applying ESL to aerospace applications, with the participation of major European firms including founding members of IRT A. de Saint Exupéry – Airbus Group, Safran Group and Thales Group among others, as well as major French research institutions including CNRS, CNES, Toulouse and Bordeaux University, not to mention numerous famous laboratories such as ISAE, LAAS-CNRS and IRIT."* added Champetier.

"We are pleased to team up with IRT A. de Saint Exupéry," said Dr. Guy Bois, President and Founder of Space Codesign Systems. *"Since Space Codesign Systems came out of a university technology transfer process from Polytechnique*

Montreal, we have a proven track record in conducting [R&D projects](#) and bringing innovative ESL and HW/SW co-design technologies to market. We are confident that we can integrate new technologies developed during the IRT A. de Saint Exupéry project into future releases of our SpaceStudio technology.”

For more information regarding SpaceStudio's automation tool, read about SpaceStudio [HW/SW Co-Design and how it complements and enhances High-Level Synthesis](#).

About Space Codesign Systems

[Space Codesign@ Systems](#), Inc. is the developer of SpaceStudio™, the only ESL design technology that enables end-to-end automated hardware/software co-design - from high-level functional specification to the architectural and RTL (Registered Transfer Level) coding phase. This automation enables electronics engineers to enjoy a higher level of abstraction and executable representation for embedded systems design in industries such as aerospace and commercial multimedia. Space Codesign's headquarters is located in Montreal, with an office in Paris for the European distribution. SpaceStudio is available worldwide, with Avant Technology as Space Codesign's sales partner in Asia.

About IRT A. de Saint Exupéry

The [Institute of Technology \(IRT\) Antoine de Saint Exupéry](#) was established on March 21, 2013 as part of the “Investments for the Future Program” that was set up by the French government in order to support innovation in strategic areas. IRT Antoine de Saint Exupéry combines resources from public and private partners to lead R&T activities in three strategic domains: high-performance multifunctional materials, more electric aircraft and embedded systems. Applications targeted include aeronautics, space (and embedded systems). Its world class expertise and technology platforms, as well as its integrated collaborative environment boost the maturation and transfer of breakthrough technologies (TRL 4-6) to IRT industrial Partners.

Contact Information:

Gil Gruber, MBA

Marketing Communications

Space Codesign Systems, Inc.

Tel: (514) 238-7766

Email: ggruber@spacecodesign.com

<http://www.spacecodesign.com>

Avant Technology Inc.

Sales Contact (Japan, Korea)

Jill Chen

886-3-668-6603

sales@avant-tek.com

Sales Contact (China, Malaysia)

Norman Huang

86-187-0130-2010

sales@avant-tek.com

Sales Contact (Taiwan, Singapore)

Chloe Yang

886-3-668-6603

sales@avant-tek.com

This email was forwarded to you by Avant Technology (www.avant-tek.com), the distributor of Space Codesign).

If you do not want emails like this anymore, please send an empty email to unsubscribe@avant-tek.com