

Genoa, 15 November

## **Presentation of Ansaldo STS 2008 innovation awards**

The ceremony to present the Ansaldo STS Innovation Awards took place at the Riom plant of Ansaldo STS France today. Now in their fifth year, the aim of the awards is to enhance the value of research and innovation within the group. The event is part of the Finmeccanica Innovation Awards, an initiative which gives all the Group's employees (including overseas staff) the opportunity to put forward innovative proposals relating to the business areas in which the various group companies operate. In the last two years of the initiative, more than 100 proposals have been submitted, involving around 200 people. Of particular note has been the increase in the number of entries from employees based overseas: from 18 projects in 2007 to 44 in 2008, testimony to the international nature of the initiative.

The Ansaldo STS Innovation Awards were created to promote value creation in all its many companies through research and development, an activity that is fundamental to growth and competitiveness. This year, more than 60 entries were submitted, from which 14 finalists were chosen. The selection of the three best projects was made by an internal committee, which awarded first prize to Point Monitoring & Train Detection using Fiber Bragg Grating (FBG). In second place was Microlok Vital Radio Axle Counter, while third place was taken jointly by Moving Shaft – Innovative Ventilation (which also won the prize for best group entry) and ViewMA, a Graphical Display for both On-board and Trackside Data. A special mention went to Train Braking Algorithm, which won the award for best patented entry.

The finalists were:

Point Monitoring & Train Detection using Fiber Bragg Grating (FBG), by Aldo Antonelli, Davide Bottino, Giuseppe Cornicelli, Elena Domenico, Lewis Glyndwr, Giovanni Rinaldi, Laudati, Broglio, Cusano and Cutolo;

TCCS – Train Conformity Check System, by Nadia Mazzino, Claudio Poggio, Marco Vernazza, Michele Baldini and Andrea Valcada;

Moving Shaft - Innovative Ventilation, by Lucio Marongiu, Domenico Lanciotto, Claudio Coladonato, Ettore Lerro, Massimo Mele and Francesco Quirile;

Apache, by Giovanni Filo, Ivo Fabio Gilli and Giuseppe Graziuso;

Logical Diagnostics for Distributed Vital Objects, by Mark Sarnowski and Kevin Wahila;

AF-90x Digital FSK Track Circuit Controller, by James Werner, Bill Sharp, Jim Brown, Bernard Clement, John Lemonovich, Zhu Ding and Larry Weber;

Train Braking Algorithm: method to dynamically determine and utilize the appropriate braking mathematics for a given train consist, by Bill Rhea;

Communication Interface Printed Circuit Board (CIP), by Kelly Berger;

ViewMA, a graphical display for both on-board and trackside data, by François Figueras;

Increasing IP Convergence Railway Systems, by Nelson Marques;

Upgrading and Replacement of the STA 300 Automated Test Platform, by Gharib Chahid;

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Automated signaling engineering tools, by Aaron Fraser;  
Microlok II Training Simulation System, by Perumalsamy Gurusamy;  
Microlok Vital Radio Axle Counter, by Anthony Lusty.

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