

PRESS STATEMENT

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Rafale Techno Days Highlight Advancements in Aviation Engine Technology

- ***Conferences were attended by about 350 participants who heard on and discussed green solutions, alternative fuels and hybrid technology***
- ***Second edition of Rafale Techno Days held with UniKL and UTM in KL and Johor Bahru respectively***
- ***Event emphasises Rafale's commitment to Malaysia, provides opportunities to extend collaborations***

Kuala Lumpur, 7 March 2014 – Providing the immense power to propel fighter aircraft to perform amazing feats are the engines that have undergone tremendous advancements in the last few years.

About 350 industry players and students had the opportunity recently to hear and discuss the latest developments and challenges in aviation and ground transportation engine technologies at the second Rafale Techno Days. Organised by Rafale International together with local collaborators, Universiti Kuala Lumpur (UniKL) and Universiti Teknologi Malaysia (UTM), the conference provided the discourse platform in Kuala Lumpur and Johor Bahru.

The Honourable Chief Minister of Perlis, YAB Tuan Azlan Man who officiated the opening of the second edition of Rafale Techno Days said, “I am happy to note that the Rafale Techno Days signifies the strategic partnership between Universiti Kuala Lumpur and the global industry, specifically, Rafale International, Snecma (Safran) and Malaysian Industry-Government Group for High Technology (MiGHT). This is significant in light of current trends where universities can no longer operate in isolation, but in synergy with the industry both at local and global stages. University as the centre of knowledge and the industry as the catalyst for technological advancements must work together to cater for the “real-world” needs. Thus, events such as Techno Days will go a long way towards strengthening the symbiotic relationship between the academia and the industry.”

The conference was spearheaded by Snecma (Safran), the group that designs, builds and sells propulsion systems for air and space, including a wide range of commercial engines. The Malaysia France Institute lent weight as host of the Rafale Techno Days, which was supported by MiGHT.

Dedicated to innovative technologies and energy needs for future transportation systems, this second edition of Rafale Techno Days was a continuation of the conference which was held in October, 2013 in Universiti Pertahanan Nasional Malaysia (UPNM) in Kuala Lumpur and Universiti Sains Malaysia (USM) in Penang.

Together with Malaysian partners, the recent conference provided an overview of the advanced technologies now being developed by Snecma (Safran) and its partners. Among the topics presented and discussed were new propulsion system designs and "green" solutions for the aviation industry and other industries such as automotive, including biofuels and hybrid propulsion systems.

Yves Desvallees, Deputy Research & Technology (R&T) Director of Snecma (Safran) opened the discourse with a presentation titled "Energy Challenge for Aero Engines". Desvallees spoke on the long term challenges, the road map for aero engines as well as green taxiing.

The topic "Alternative Fuels and Hybrid Technology" presented by Nicolas Jeuland, Head of the Fuel-Lubricants and Emissions department - IFP Energies nouvelles, drew interesting questions from participants. Jeuland's presentation covered the latest technology and advancements in alternative fuels, applications in automotive and aero industry, and also, key solutions and current developments.

The session also heard on Snecma's (Safran) development in MRO, taking into account both new materials and advanced technologies in aero engines and also address solutions for operational maintenance of engines currently in service.

These conferences also paved the way for new opportunities and possibly extend the collaborations between the Malaysian science community and R&T teams at Rafale International partners. In addition, these conferences illustrate the development of innovative design and manufacturing solutions incorporated in the Rafale multirole fighter.

This event also marks another step forward in Rafale International's commitment to Malaysia and to the development of a scientific network of excellence in Malaysia, based on the development of technological capabilities and human capital in the country.

Rafale Techno Days are open to Malaysians from academia, industry and government. These Conferences comprise a series of scientific conferences that will address various state-of-the-art technologies related to the business sectors of companies in Rafale International. The first edition of this series of Conferences was hosted by Dassault Aviation while the future, third edition will be hosted by Thales. Dassault Aviation, Snecma (Safran) and Thales are companies that make up the Rafale International consortium, the producer of the Rafale.

Attendance at the conferences is by invitation only, and is free of charge. For further details, go to www.rafalemalaysia.com

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About Rafale International

Rafale International is a consortium set up by Dassault Aviation, Snecma (Safran) and Thales to promote the Rafale multirole fighter to international customers. The three partners are international leaders in the aerospace and defense markets, with more than 135,000 employees and combined revenues of 30 billion euros.