



Solvay Fluor in Hanover:

## The Scientists in the NOCOLOK<sup>®</sup>-Team



**Dr. Placido García** graduated in chemical sciences from the university of Alicante, Spain, followed by post graduate studies and PhD in fluorine chemistry at the university of Wuppertal, Germany. He joined Solvay in December 2005 to take over the inorganic fluorides R&AD laboratory in charge of NOCOLOK<sup>®</sup> family products. Dr. Placido García is married and has a daughter.

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**Andreas Becker** graduated in 1991 as a certified chemical technical assistant, and joined Solvay Fluor immediately thereafter. From 1993 through 1997 he worked as researcher for various Solvay companies and has been with Solvay Fluor since 1998 in the NOCOLOK<sup>®</sup> research field. Andreas Becker is married with two daughters and spends much of his leisure time with sport, specially football and takes care about his house and garden.

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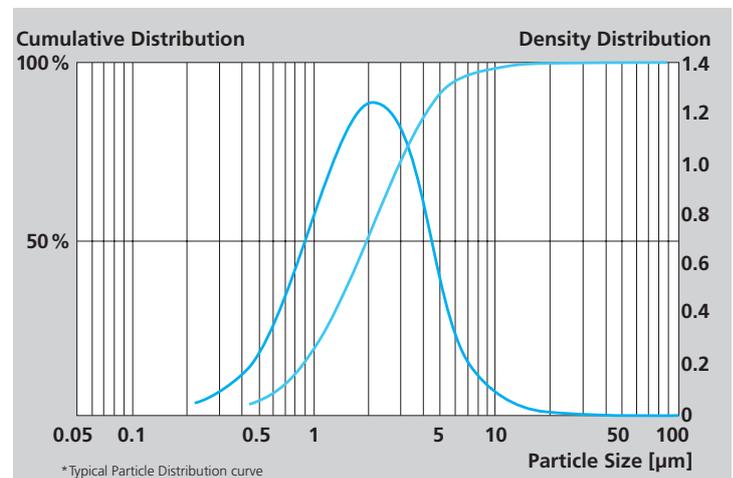
New NOCOLOK<sup>®</sup> Flux Fine Grade:

## Less NOCOLOK<sup>®</sup> is more

The introduction of a new, innovative production process means Solvay Fluor can now offer NOCOLOK<sup>®</sup> Flux Fine Grade. The modified product quality stands out by having an even finer particle distribution and smaller grain grades than NOCOLOK<sup>®</sup> Flux. The advantages are improved suspension and sedimentation behaviour. The particles remain in suspension longer and the mixture also boasts higher viscosity.

In tests with NOCOLOK<sup>®</sup> Fine Grade, it proved possible to reduce solution saturation from 40 % to 20 % while maintaining the same viscosity. Less NOCOLOK<sup>®</sup> is more. NOCOLOK<sup>®</sup> Flux Fine Grade is suitable for example for use in pastes and binder-type fluxes. Solvay Fluor has samples available for interested customers to test.

Particle Size Distribution\* NOCOLOK<sup>®</sup> Flux Fine Grade



Important Meeting for the Aluminium Brazing Community:

## 6<sup>th</sup> International Congress in Dusseldorf



Alu Media GmbH is organising its 6<sup>th</sup> International Congress on "Aluminium Brazing" from 4 – 6 May 2010 in Dusseldorf – the event's 10<sup>th</sup> anniversary! As always, the venue is Dusseldorf, Germany, but there is a slight change this year: the congress hotel is the Radisson Blu Scandinavian Hotel. Solvay Fluor will be at the congress with a stand and two presentations. Dr. Leszek Orman

*The NOCOLOK<sup>®</sup>-Team at the congress in Dusseldorf 2009.*

will speak about the "Solving of Brazing Problems – Case Studies" while the presentation by Dr. Placido Garcia is about the "Development of special flux qualities". Over 20 presentations will consider themes such as Materials, Equipment, Process and Quality Control, Research and Development. An exhibition of participating companies organised parallel to the congress will help establish further contacts. We hope to see you in Dusseldorf!

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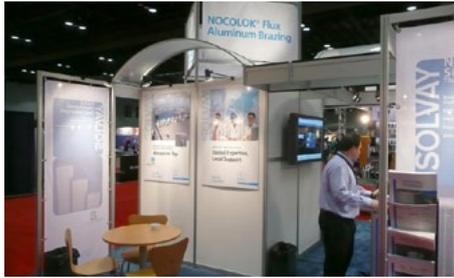
Review of Events:  
**AHR Expo 2010, Orlando and MCE 2010, Milan**

New Forum for Discussing Aluminium Brazing:  
**The NOCOLOK<sup>®</sup> Blog is Online**

**Brazing Events Second Half Year 2010**

# AHR Expo 2010, Orlando and MCE 2010, Milan

AHR Expo 2010 took place at the end of January in Orlando, Florida. Over a three-day period, more than 40,000 visitors attended the United States' key trade fair on refrigeration, ventilation and air conditioning technologies. Although figures for exhibitors and trade visitors were slightly down year-on-year, the fair was an undoubted success. The trend in the USA



Solvay Fluorides stand at AHR in Orlando.

is definitely moving towards "green". The ASHRAE has specified a new standard for green buildings, creating a basis for future energy efficient buildings in the USA. The ASHRAE estimates savings in energy consumption in the region of 20 – 25 %. High efficiency brazed aluminium heat exchangers are a key component in this undertaking. One reason why Solvay Fluor's new NOCOLOK® Li Flux was the focus of the attention of heat exchanger manufacturers, offering as it does an optimised residue performance after brazing. NOCOLOK® was showcased to visitors on Solvay Fluoride's spacious 36 m<sup>2</sup> stand. Next year's AHR EXPO is scheduled from 31 January to 2 February 2011 in Las Vegas.

The Mostra Convegno Expocomfort took place in Milan at the end of March 2010. This is one of the key fairs on building con-



Solvay Fluor presents NOCOLOK® and Solkane® refrigerants at MCE in Milan.

struction in Italy and attracted large numbers of trade visitors from throughout the Mediterranean area. Solvay Fluor presented its new refrigerant Solkane® 22 M/L and NOCOLOK® on a 50 m<sup>2</sup> stand. The highlight was a well attended seminar organised by Solvay Fluor. During the first part, Solvay specialists introduced the new Solkane® refrigerant. The focus of the seminar's second part was on brazed aluminium heat exchangers. Solvay Fluor, Seco Warwick and Hydro Aluminium jointly presented the advantages, processes and materials. The fact that the companies are fully aligned with today's trend was underlined by the many brazed aluminium heat exchangers exhibited at the fair.

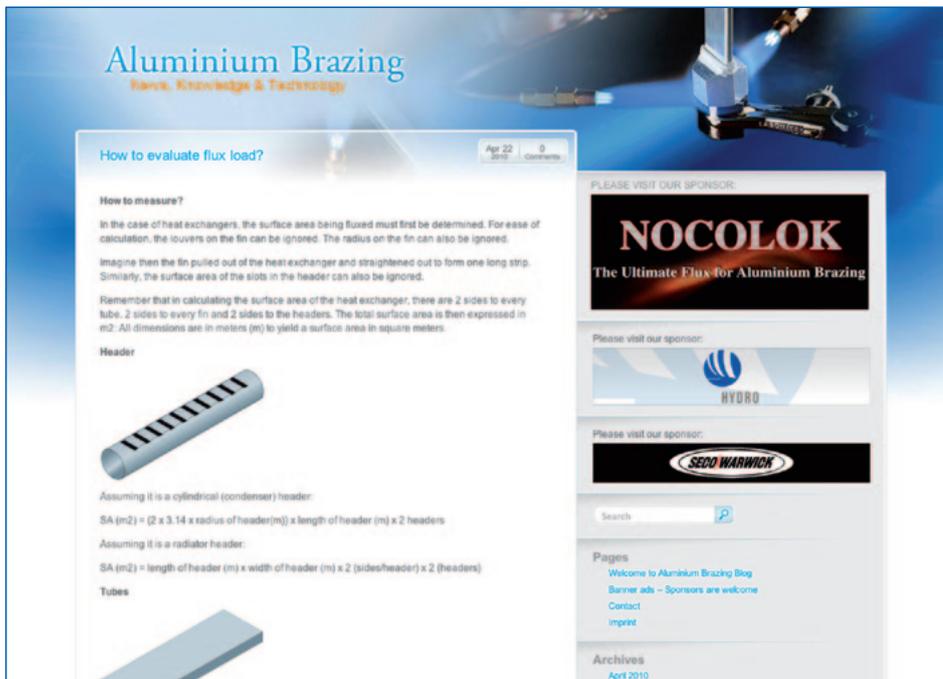
## New Forum for Discussing Aluminium Brazing:

# The NOCOLOK® Blog is Online

As of early February 2010, the web has a new address for discussing everything to do with aluminium brazing: the address of the forum is [www.aluminium-brazing.com](http://www.aluminium-brazing.com). This is an English language blog intended to give users worldwide the opportunity to receive professionally sound information about aluminium brazing and to share experience. The website is structured like a typical blog, meaning that reviews will continuously be published in the form of a diary, which can be read and commented upon by the visitors.

Solvay Fluor, the blog's main sponsor, is joined by other companies on the website.

Since starting, the page has already been viewed 500 times, and some hot topics are developing. We look forward to your visiting the page. If you have any questions about topics, simply write your own comments. We will respond as soon as possible. Why not take part in the discussions, and share your knowledge of aluminium brazing with others.



## Brazing Events Second Half Year 2010

- **6. Int. Congress Aluminium Brazing, Dusseldorf, SAS Radisson Hotel**  
May, 4 – 6, 2010  
[www.alu-verlag.com](http://www.alu-verlag.com)

*In planning stage:*

- **EABS Seminar at Solvay Fluor, Hanover**  
First week in October, 2010  
[www.nocolok.com](http://www.nocolok.com) -> events

## NOCOLOK® NEWS

presents information for NOCOLOK® users.

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