

# **DFF Working Group Meeting “Display Production, Display Technologies and Applications of Flat Panel Displays”**

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## **Invitation**

**30<sup>th</sup> Working Group Meeting of the  
German Flat Panel Display Forum (DFF) hosted by  
Sharp Electronics (Europe) GmbH  
in Hamburg, Germany  
Tuesday, April 28, 2009**



## Programme

### **Monday, April 27, 2009**

18:30

#### **Get-Together and Networking Dinner (sponsored by DFF)**

All participants and guests of the meeting who will arrive the day before are invited to attend our networking dinner at the

"Restaurant Vlet"  
Am Sandtorkai (Entrance via  
Kibbelstegbrücke)  
20457 Hamburg  
Phone: +49 40 33 47 53 75-0  
Internet: www.vlet.de

How to get there, see below.



### **Tuesday, April 28, 2009**

08:45 – 16:00 **30<sup>th</sup> Working Group Meeting of the German Flat Panel Display Forum**

**Thematic Priority: "Display Production, Display Technologies and Applications of Flat Panel Displays"**

Sharp Electronics (Europe) GmbH  
Sonninstr. 3  
20097 Hamburg  
Phone: (+49 40) 23 76-29 06

How to get there, see below.



### The Topic

**The meeting** > The meeting will look at the **display production, display technologies and applications of Flat Panel Displays**.

**The technologies** > LCDs are the mainstream display technology in Europe, especially for all large size applications. But we also want to get insights into other new display technologies, like OLED, and e-paper technologies. What are the expectations of the manufacturers and can these technologies be competitive with LCD? Will they become mass market technologies or only be used in niche applications? The meeting will also look at touch screen technologies. How will be the visualisation in the future? How will the man-machine-interface develop?

**The applications** > Main applications for flat panel displays are the mass and consumer markets notebooks, monitors, mobile phones and TV sets. These dominate the development. But apart from that, niche applications still play a major role in Europe. Trends in the mass markets have a strong impact on these applications, both positive and negative. Thus it is important also for the players in the niche market to know about innovation and market factors of the mass markets. Environmental aspects do get more and more important. After the introduction of REACH, the European Commission already plans a modification of the RoHS and WEEE legislation. This is especially relevant to display backlighting.

**The host**> Sharp recently started the construction of a new production site for combined LCD and solar cell production in Sakai, Japan. Sharp will explain the concept of this plant and the environmental vision behind its production sites. Looking at the main applications of the panels produced at this Generation 10 fab, Sharp will explain its view for Digital Signage and its visions for the TV market of the future.

**The agenda**> A preliminary agenda is attached. The final agenda will be distributed some weeks before the meeting.

### **Registration**

Please register by fax (see last page) or e-mail by **April 20, 2009**

Ms Sabine Egerer

Fax.: ++49 (0)69 / 66 03-25 92

email: [sabine.egerer@vdma.org](mailto:sabine.egerer@vdma.org)

### **For our guests and lecturers**

Please email your presentation as PDF- or PowerPoint-File to Dr. Susanne Bieller ([susanne.bieller@vdma.org](mailto:susanne.bieller@vdma.org)) by **April 24<sup>th</sup>**. Note that attachments >5MB may suffer from transmitting problems, so please send a control mail without any attachment, simultaneously. You may also bring your presentation along to the meeting (CD-ROM, USB-Memory Stick). A PC (running PowerPoint 2003) and a projector will be available during the meeting. Your presentation will be published in the annex of the minutes.

All new members and guests are invited to briefly introduce their companies.

We also want to encourage our long-time members to give a short update on their current activities in the materials sector. If you are interested to do so, please send a short note to Dr. Susanne Bieller ([susanne.bieller@vdma.org](mailto:susanne.bieller@vdma.org)).

A PowerPoint presentation template will be sent to you prior to the meeting. Please use this file for your company presentation (only two slides).

### **Accommodation**

For the night April 27/28, we have negotiated special rates with the following hotels:

Madison Hotel GmbH  
Schaarsteinweg 4  
20459 Hamburg  
Phone: +49 40 / 3 76 66-0  
Fax: +49 40 / 3 76 66-137  
[www.madisonhotel.de](http://www.madisonhotel.de)  
Rate: 150,00 € incl. breakfast

Mercure Hotel Hamburg City  
Amsinckstr. 53  
20097 Hamburg  
Phone: +49 40 / 23 63 80  
Fax: +49 40 / 23 42 30  
Rate: 97,00 € incl. breakfast  
[www.mercure.com](http://www.mercure.com)

Please book your rooms directly by quoting "Sharp-DFF" by March 9 at the latest.

### **Directions to Sharp:**

The German and Austrian headquarter of Sharp is located in Hamburg - Hammerbrook, in the centre of Hamburg, right within "City Süd".

#### **Address:**

Sharp Electronics (Europe) GmbH  
Sonninstr. 3  
20097 Hamburg  
Phone: +49 (0)40/ 23 76 - 0  
Fax: +49 (0)40/ 23 76 - 26 60

#### **How to reach us:**

... **by train:** Hamburg main station is close to the Sharp Headquarter right downtown. To get to Sharp take the S-Bahn (S3/S31) and get off at the station "Hammerbrook". It is only a five minutes walk along Mittelkanal to Sharp Headquarter.

#### ... **by car:**

From the South/Hannover:

Hannover A7 > Hamburg, AK Maschener Kreuz > A1 > AK Hamburg Süd > A255 Elbbrücken > Zentrum

From Bremen:

Bremen A1 > Hamburg > AK Hamburg Süd > A255 Elbbrücken > Zentrum

From the East /Berlin/Lübeck:

A1 > AK Hamburg Süd Ost > Bremen/Hannover > AK Hamburg Süd > A255 Elbbrücken > Zentrum

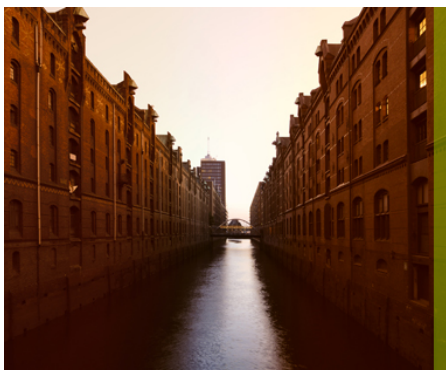
Behind the Elbbrücken follow the street to the left, direction centre, main station. You will get into Amsinckstraße. Follow Amsinckstraße for approx. 1200 m and then turn right into the street "Am Mittelkanal". The street turns left and you will be in Sonninstraße.

... **by plain:** The Airport Hamburg-Fuhlsbüttel is approx. 30 Minutes away from Hamburg (by public transport). Take the S-Bahn to main station, then go on by taxi or train (s. above).

### **Your Way to the "Restaurant Vlet"**

The restaurant is located right between the historic "Speicherstadt (warehouse town) and modern "Hafen City" (harbour city).

From downtown you cross the "Kornhausbrücke " to enter the "Speicherstadt". Follow the street "Bei St. Annen" and at the end turn right into "Am Sandtorkai". A few meters further on the right is the public parking "Contipark". Next to it there is a stairway to the "Kibbelstegbrücke" and thus to the entrance of the restaurant.



# German Flat Panel Display Forum

30<sup>th</sup> DFF Working Group Meeting in Hamburg,  
November 27, 2008



## Fax Reply

*Please return by April 20, 2009*

Ms Sabine Egerer  
German Flat Panel Display Forum (DFF)  
VDMA – The German Engineering Federation  
Lyoner Str. 18

60528 Frankfurt/Main (Germany)

**Fax-Nr.: ++49 (0)69 / 6603 - 2592**

Please use the tick boxes to indicate the events you plan to attend:

Event		
Get-Together and Dinner (all participants)	April 27, 18:30	<input type="checkbox"/> yes <input type="checkbox"/> no
30 <sup>th</sup> DFF Working Group Meeting (WGM)	April 28, 09:00 – 16:00	<input type="checkbox"/> yes <input type="checkbox"/> no
I want to give a company presentation	(during the WGM)	<input type="checkbox"/> yes <input type="checkbox"/> no
Please send me the DFF-Brochure		<input type="checkbox"/> yes <input type="checkbox"/> no

Title, Name \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

eMail \_\_\_\_\_

Company / Institute \_\_\_\_\_

Street \_\_\_\_\_

Postal Code/City \_\_\_\_\_

Country \_\_\_\_\_

Internet Address \_\_\_\_\_

\_\_\_\_\_  
Place, Date

\_\_\_\_\_  
Signature