

Call for contributions

2nd Focus Meeting November 25th, 2020 hosted by Innower GmbH in Würzburg

**“The Mighty Touch Makes a Great Deal on Display Quality -
Full-scale Display Durability Tests under Real Life Simulation”**

Are we experiencing a touchscreen or display revolution? Since the first capacitive transparent touch screen was developed as early as 1973, it has been widely developed and has provoked a big change in daily life. Nowadays, mobile phone, car display, white goods, train stations, airports, museums, medical apparatus and so on are all using touch screens and displays.

This combination of the screen and the electronic technologies are changing the way humans interact with each other and with electronics. This display/touchscreen product has been under heavy load from our daily usage either by the human fingertip touch, zoom, swipe motions or under stylus scratch or other mechanical stress. Therefore, the surface of display/touchscreen, as the intermediate, is changing its optical functions including glossiness, reflectiveness, blurriness, and so on. In addition, invisible and visible damages occur due to these heavy daily loads which might diminish several key functions of the surface coatings, e.g. anti-scratch coating, anti-fingerprint coating and anti-fouling coating.

The durability of the display/touchscreen surface is a wide topic. What methods shall we apply for the tests and the corresponding evaluation? Does it cover the environmental tests (humidity, radiation, temperature...), especially under the current pandemic crisis? Does it reflect the normal usage simulation in terms of real-life condition? How does the human physiology affect the design of the display surface?

We would like to hear from you on your experience and thoughts on the durability tests. With various applications that you have, we believe and expect a great audience and knowledge exchange in our workshop. An additional hands-on test tour will be presented in the workshop at the facility of INNOWER GmbH.

Please send an abstract of your presentation (10 minutes for your talk and 5 minutes for Q&A) until November 6th, 2020 to Ms. Anita Wedel: secretary@displayforum.de

Due to the pandemic situation, this workshop will be held as online conference via MS Teams. Invitations follow after registration.