

Smoltek presented new improved electrical data for CNF-MIM at EDAPS 2019



Smoltek CTO, Vincent Desmaris during presentation of: "Ultra-Thin Capacitors based on Carbon nanofibers with Ultra-High Capacitance Density"

EDAPS is an annual flagship event in the Asia-Pacific region and has consistently served as a platform for dissemination of latest research in the areas of electrical design of chip, package and system. This was the first time Smoltek attended the conference.

The EDAPS symposium consists of technical paper presentation, poster sessions, industry exhibits, workshops and tutorials. Designers, engineers and researchers across the world come forth to share and discuss their work on all aspects of electrical signal integrity including modeling, design and simulation, fabrication, characterization and packaging.

On site, CTO of Smoltek, Vincent Desmaris, said: ***"We are taking the opportunity to present our CNF-MIM at EDAPS 2019, emphasizing our latest technological development. Our CNF-MIM now features an equivalent series resistance (ESR) of about 40 mΩ, which represents more than a twofold improvement compared to data released at SEMICON Taiwan 2019. This technological step also put us on a par with the other competing technologies when it comes to electrical data but at a fraction of their volume."***

Vincent Desmaris was also honored to chair one of the program sessions, which is an evidence that Smoltek now is recognized within the Semiconductor community.

However, the most important day for us was on Tuesday, December 17, when we presented: “Ultra-Thin Capacitors based on Carbon nanofibers with Ultra-High Capacitance Density”.

The presentation was held by CTO, Vincent Desmaris and it revealed new and improved electrical data for CNF-MIM. Especially we now could show a significant lowering the ESR parameter compared to what we presented at SEMICON TAIWAN in September.

Since the ESR-value has been the focal point for the R&D-team this autumn we are all very pleased to see that we can accomplish further improvements for the CNF-MIM technology each quarter. This also means that the CNF-MIM Roadmap is according to plan.

On the business level point of view this, the third visit to Taiwan this year also gave effect on potential leads and prospects.

“EDAPS was a great networking opportunity as well as a great venue for one-on-one meetings with important players for our CNF-MIM technology”, Ola Tiverman, Chief Operation Officer at Smoltek concluded.