



The European Institute for the PCB Community

EIPC SPEeDNEWS

*The Weekly On-Line Newsletter from the European Institute of Printed Circuits.
Issue 25 – October 2020*

NEWS FROM CHINA

Computer Assemblers to Leave China

Global laptop and desktop computer supply chains are expected to shift significantly away from China in the next 10 years, a Market Intelligence & Consulting Institute report said. By 2030, only 40% of global laptop production would remain in China, said the report, which was released. "The reshuffling of the global supply chain will be one of the most important trends in the next 10 years," the institute ...



And then if you wish to continue to read this – you can't! It is in the Taipei Times, so we are told. Ed.



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NEWS FROM ITALY



Eltos invests in its PCB production

In recent weeks, Eltos, which is based in Arezzo, has continued to modernize and expand its machinery. The Turin-based machine manufacturer Pluritec supplied three machines for Eltos modern PCB production. Specifically, a second X-ray drill Inspecta Combo HP is suitable for exterior and internal layers that allows micro drilling and precise milling with or without local X-ray target detection and coordinate measurement. Also from Pluritec an X-Vision for X-ray inspection of multilayers and a milling machine Duo suitable for deep milling with high-precision Z-axis control and optical alignment.

A high-performance cut sheet laminator SMARTLAM 5200 from Dynachem for inner layer production rounds off the current investments and expands the technical possibilities of Elto's very thin 25 micron inner layers without any problems.

"These investments in this challenging year strengthen Eltos's technical ability to continue to reliably supply our customers with high-end printed circuit boards in the future, "said Riccardo Pinamonti CEO of Eltos S.p.A."and in October we will continue to invest with a new Direct Imaging Printer for the solder mask."

With around 100 employees in the High-Mix Low-Volumes segment and QTA Express Services, ELTOS S.p.A. produces professional printed circuit boards used in various areas, including medical technology printed circuit boards for ventilators, telecommunications, automation, safety, automotive, airspace, military and relevant European research institutions, especially CERN in Geneva and the Institute of Nuclear Physics in Italy. ELTOS was founded in 1980 in Arezzo, Tuscany, Italy.



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NEWS FROM THE UK



Free Online "Fundamentals of Electronics Packaging" Tutorial

"Survey of Failure Analysis Techniques for Packaging"

Friday 23 October 2020: 12:00 - 12:45

Greg Johnson - Zeiss Microscopy

Join us for a survey of seven different **defect localisation** techniques used in **electronic packaging**, which are based on ion, electron, X-ray, and acoustic beams or sources.

This event is supported by [Zeiss Microscopy](#).
Please follow the link to subscribe to [Zeiss Microscopy News](#).

*Registration is **free** for this event*

[Register Here](#)

Forthcoming IMAPS-UK Online Events

Please Click on the Links below for More Information

[Making Sense of Sensors Online Conference](#)

Thursday 12 November 2020 10:00 - 15:00

[Thermal Management Online Conference](#)

Wednesday 25 November 2020 13:30 - 17:00 and Thursday 26 November 2020 13:00 - 16:30

For any other details or information please contact:

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ELECTRONIC INDUSTRY NEWS

iPhone 12 production at China factory ramps up to 24 hours a day ahead of new model launch

South China Morning Post

- *World's largest iPhone factory in Zhengzhou is running at full speed in anticipation of strong demand for the new iPhone 12*
- *The burst of production reflects China's resilient position in the global value chain, despite US threats of decoupling*

Contract manufacturer Foxconn is running 24 hours a day in China to produce the new iPhone 12.

Apple's main iPhone manufacturer in China is running 24 hours a day to produce the new iPhone 12, cancelling workers' holidays and introducing mandatory overtime with juicy bonuses for longer-serving staff, according to employees, recruitment ads and local media.

The all-hands-on-deck approach at Foxconn's massive Zhengzhou factory reflects China's resilient manufacturing capabilities and deep connection between the Chinese and US economies, despite a push from Washington for decoupling.

China's quick recovery from the coronavirus pandemic, especially on the production side of the economy, is expected to help it continue its central position in global value chains, even though the virus has renewed talk about the dangers of supply chain dependence on the world's second largest economy.

Foxconn, which is owned by Taiwan's Hon Hai Precision Industry, resumed production at the plant in Henan province in February.

Global expansion of TikTok and other Chinese tech companies is likely, only not in the West

Employee Wang Guofeng said overtime work had increased since summer and most workers were allowed to take only four days off per month.

“You can earn 5,000 yuan to 6,000 yuan (US\$880) per month, and if you work at the factory for more than 90 days, there’s a handsome amount of special pay,” said the 33-year-old who has worked at the factory for over four years.

Another employee surnamed Ma said the company had started night shifts, with production lines running 24 hours a day.

“We have been kept so busy for the past weeks because of the iPhone 12,” Ma said, referring to the new model that is expected to be unveiled next month.

The factory’s iPhone assembly unit has offered a 10,000 yuan bonus for any worker who started after September 18, stays for at least 90 days and works at least 55 days, according to one recruitment ad. The bonus was 8,500 yuan for people who joined after September 26th.

Many employees have been asked to cancel upcoming holidays around the Mid-Autumn Festival and National Day that fall this week to ensure timely delivery of the new iPhone, according to another worker who declined to be named.

“Some people are willing to do so because according to Chinese labour law the salary triples on the first three days [of the Mid-Autumn Festival],” the worker said.

Local authorities have also ensured smooth operations by helping the factory’s 200,000 people resume work as quickly as possible after the pandemic, the Henan Daily reported last month. In June alone, exports from the Foxconn factory surged 50.6 per cent from a year earlier, the newspaper reported.

Apple is expected to announce four new iPhone 12 models in October, which will be the first with 5G capabilities, according to media reports.

Apple shipped 45.1 million iPhones globally in the second quarter of this year, 25 per cent more than in the same period last year, even though global smartphone shipments plunged 14 per cent in the period, according to Canalys, a consultancy.



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NEWS FROM THE IPC

IPC APEX EXPO 2021 Dates Changed!

Meet us in San Diego March 6-11, 2021!

Because the health and safety of all attendees at IPC APEX EXPO is paramount, we reached out to the San Diego Convention Center to request a date change. When we were offered the March date, we surveyed several potential exhibitors and attendees, all who supported the decision to host IPC APEX EXPO 2021 later in the year. **We can't wait to see you March 6-11, 2021 in sunny San Diego!**

Both IPC and the San Diego Convention Centre are committed to the well-being and health and safety of all attendees at IPC APEX EXPO. In addition to IPC's social distancing protocols, face mask requirements and daily temperature checks, the San Diego Convention Center (SDCC) will implement a program of stringent processes for cleaning, disinfection, and infectious disease prevention under its **Global BAC STAR™ facility accreditation**. For more information on the precautions the San Diego Convention Center is taking regarding sanitation, social distancing, food and beverage and staff protocols and training please visit: <https://visitsandiego.com/safe-meetings>.

The IPC team is actively curating the industry's leading technical conference covering the newest technologies, latest studies, advanced materials and processes, and best practices from all segments of the worldwide electronics industry. We are so excited to show you the schedule which is coming soon!

This is the place to see what's new. IPC APEX EXPO annually showcases the largest exhibition for electronics manufacturing in North America, with this year's event highlighting the industry's leading equipment manufacturers, suppliers, and innovators.

Registration opens early October. We look forward to welcoming you to sunny San Diego March 6-11, 2021.

Please note: If you already have hotel reservations with onPeak for the original January dates for APEX, you will receive an email notifying you that your reservation has been cancelled. If reservations were made through any other channel, you will need to reach out to that entity to cancel. We are working to secure rooms for the March dates and ask that you do not book a hotel room until you have heard from IPC and onPeak with the new reservation site.



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International Diary

2020

3rd EIPC Webinar -Business Outlook for Global Electronics Industry with Emphasis on Europe- Walt Custer

SOLD OUT

2 October

TPCA Exhibition

21-23 October

Taipei, Taiwan

Electronica 2020 VIRTUAL

10-13 November

München, Germany

KPCA

24-26 November

Incheon, Korea

ECWC15, WECC World Electronics Circuits Council

Webinar

30 November-2 December

HKPCA Exhibition

2-4 December

Hong Kong, China

2021

IPC APEX EXPO

March

San Diego, USA

EIPC @ SMTconnect
4-6 May
Nuremberg, Germany