

3<sup>rd</sup> International Conference and Expo on**Graphene, Advanced 2D Materials & Semiconductors**3<sup>rd</sup> International Conference and Expo on &**Diamond, Graphite & Carbon Materials**

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ACCEPTED ABSTRACTS

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**Graphite and graphene index and blockchain****Kuan-Tsae Huang**  
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Graphene and other 2D materials are in the upheaval to revolutionize the industry sectors by turn the ideas and innovations into sophisticated products: battery, lightweight materials, printed electronics, and drone, etc., and integration into many aspects

of our everyday lives. Digital technologies are already making the industry's operations more efficient, including R&D, manufacturing and supply chain, to the next level and go beyond the molecule. Digitalization presents the opportunities to launch new digitally enabled offerings, create outcome-oriented business models, provide intense data sharing and collaboration, build flexible and interconnected ecosystems

to accelerate innovation cycles, and direct customer interaction. Blockchain as a Service (BaaS) will be combined with AI, IoT, cloud, and big data to form an advanced materials ecosystem. AzTrong is in the process to develop an ecosystem with industry partners to supply measurable methodologies with tools, design, business models and fund to accelerate graphene application food chain.

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