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<b>Session Title:</b>	<b>[MoA1] 2D Materials - I</b>
<b>Session Date:</b>	<b>July 13 (Mon.), 2026</b>
<b>Session Time:</b>	<b>11:15-12:30</b>
<b>Session Room:</b>	<b>Room A (Baekrok Hall B-1, 1F)</b>
<b>Session Chairs</b>	

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<b>[MoA1-1] [Invited]</b>	<b>11:15-11:45</b>
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**TBA**

Xiaotian Xhang, Suzhou Laboratory, China

<b>[MoA1-2] [Invited]</b>	<b>11:45-12:15</b>
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**Scalable MOVPE van der Waals Epitaxy of hBN for III-Nitride Devices: From Mixed 2D/3D Heterostructures to RGB Micro-LEDs and Deep-UV LEDs**

Abdallah Ougazzaden, Georgia Tech Europe, France

<b>[MoA1-3]</b>	<b>12:15-12:30</b>
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**MOCVD Growth of Suspended hBN on GaN Nano-Needles for Analog Memristive Switching via Geometric Filament Confinement**

Seokho Moon<sup>1</sup>, Jaesub Song<sup>2</sup>, Odongo Francis Ngome Okello<sup>1</sup>, Adrien Rousseau<sup>3</sup>, Semi Im<sup>2</sup>, Jawon Kim<sup>2</sup>, Inyong Hwang<sup>2</sup>, Changuk Ji<sup>2</sup>, Jinho Byun<sup>2</sup>, Jiye Kim<sup>2</sup>, Junyoung Choi<sup>2</sup>, Hyunjeong Kwak<sup>2</sup>, Seyoung Kim<sup>2</sup>, Bernard Gil<sup>3</sup>, Guillaume Cassabois<sup>3</sup>, Si-Young Choi<sup>2</sup>, and Jong Kyu Kim<sup>2</sup>, <sup>1</sup>Ajou University, Korea, <sup>2</sup>Pohang University of Science and Technology, Korea, <sup>3</sup>Universite de Montpellier, France