

The 5th International Workshop on Ultraviolet Materials and Devices

May 23(Mon.) – 26(Thu.), 2022 | Maison Glad Jeju, Jeju, Korea

Guidelines for

Participants



- How to Access
- Oral Session
- e-Poster Session
- Q&A
- Downloads
- Notice

How to Access



- You can access the online conference with your registered ID and PW via Online System,
- Once you complete the registration through the payment, additional tabs for the online conference will be added to your menu on the top of the page based on your registered information. If you haven't complete the registration including payment, please proceed your registration first.
- All the presentations will be conducted as live streaming in accordance with the program schedule through Zoom on time.
- You may see the session schedule when you click the session code.
- You may access to the Zoom meeting(s) once you click the Zoom button (beside each session code.

Oral Session



ON/OFFLINE HYBRID EVENT

Presentation Title

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- 'Online Conference' blue menu shows our conference program.
- To see the presentation(s) on time, please click the zoom button next to the session code.
- All Oral Sessions will be broadcast live in time for each presentations time.



Oral Session _ During Session

- Please modify your name according to the procedure below;
 - ① Click "Participants" on Zoom Menu
 - (2) Fine "More" in your name filed and click "Rename"
 - ③ Re-type your name: Name (Affiliation) *Example* Julie Son (Korea Univ.)
- You may enter questions directly into the Chat or use "Raise Hand" to join Q&A.
- Ask questions to the presenter by following the session chair's instructions
 * You are able to use audio if the host allows you.
- After your question, click "Lower Hand", and please mute your microphone.







Oral Session _ How to use Zoom





➡ Recording is strictly prohibited.

e-Poster Session



- Poster sessions and Q&A are always available on-demand on the online platform.
- All Poster presentations are based on presenting A0 size poster presentation materials on the online platform, and offline poster presentation can be conducted on-site through the entire duration of the session.
- You can see the abstract file by clicking 'View' button, and the Poster file by clicking 'View' button.

e-Pos	ter Session		Ultra-long n-GaN Microwire Structures For UV Photodetector
1 AIN B	Bulk Crystals and Templates	+	Jeong-Kyun Oh, Yong-Ho Ra, Dae-Young Um, Bagavath Chandran, Sung-Un Kim, Ji-Yeon Kim, Cheul-Ro Lee.*
2 Grow	th and Properties of AlGaN Heterostructures	+	School of Advanced Materials Engineering, Jeonbuk National University, Jeonju 54896, Korea
3 BN G	rowth and Fundamental Properties	+	[*] E-mail : <u>crlee7@jbnu.ac.kr</u>
4 Grow	th and Properties of Oxides (Ga2O3 etc.) and Diamond	+	With the rapid development of low dimensional semiconductor materials in recent years, ano/micro photodetectors (PDs) have attracted a great deal of attention due to their widespread
5 UV-er	mitters (Lasers and LEDs) and Detectors	+	ise in image sensing, convert communication, environmental, ozone tracking, and ultraviolet UV) astronomy. The n-GaN microwire (MW) can be an excellent candidate for making PDs
6 Nano	structures and Nanodevices	Ō	
Presentation No	Title Abs F	stract Post	Ultra-long h-Gan Microwire Structures For UV Photodetector Jeong-Kyun Oh, Yong-Ho Ra, Dae-Young Um, Bagavath Chandran, Sung-Un Kim, Ji-Yeon Kim, Cheul-Ro Lee*
P-49	Highly Efficient White Organic Light Emitting Devices Fabricated Utilizing a Perovskite Quantum Dot-Based Color Conversion Fiber Seong Su Choi, Dae Hun Kim, Tae Whan Kim Hanyang University, Korea	iew View	ONAL UNIVERSITY Semiconductor Materials & Process Laboratory (SMPL), School of Advanced Materials Engineering, Engineering
P-50	Self-Healable Memristive Devices Based on a Zein Active Layer Inserted with Graphene Quantum Dots Yoon Chul Hwang, Jun Seop An, Youngjin Kim, Tae Whan Kim Hanyang University, Korea	iew V	communication, environmental cronor tracking, and ultraviolet (UV) astronory. The n-Gal microwite in be an excellent candidate for making PDs capability to log mitterine, high tability against radiation trochemical (EC) stehing. Galium initiation go. Galium Virol VP Ds. The Ultraviron go. Galium Virol VIP Ds. The Ultraviron Severat Galium Virol VIP Ds. The Ultraviron Virol VIP Ds. The Ultraviron Virol VIP Ds. The Ultraviron VIIP
			pits of the large diameter the high separt ratio of the MW structure can increase the active area
P-51	Ultra-Long n-GaN Microwire Structures for UV Photodetector Jeong-Kyun Oh, Yong-Ho Ra, Dae-Young Um, Bagavath Chandran, Sung-Un Kim, Ji-Yeon Kim, Cheul-Ro Lee Jeonbuk National University, Korea		stly due to the long langh. Tell marysis revuels the crystal quality of the structures. Photocurrent we callent electrical properties of the lands nong n-SM IW structures compared to scinivational NW se. Therefore, it is expected that high-performance UV PDs can be tabricated using the ultra-long n- fee have grown.





- For Poster Session, Q&A can be conducted using the Q&A board. If you leave the question, an email will be sent automatically to the presenter of the abstract you asked. And if there is a reply, a notification email will be sent to the questioner.
- You may find out papers by topics.

Q&A		
You can search for a presentation title to ask a question using either the presentation number or	the title keyword.	
1. AIN Bulk Crystals and Templates	+	
2. Growth and Properties of AlGaN Heterostructures	—	
All Invited Talk Oral Poster		
Invited [ThA3-1] Strategies of AlGaN Heterostructure Design and Growth for UVC Optoelectronic and Electronic Device Applications Uiho Choi ¹ , Minho Kim ¹ , Byeongchan So ² , Okhyun Nam ¹	Abstract O Q&A	
	Click The	[ThA3-1] Strategies of AlGaN Heterostructure Design and Growth for UVC Optoelectronic and Electronic Device Applications Uiho Choi ¹ , Minho Kim ¹ , Byeongchan So ² , Okhyun Nam ¹
		[ThA3-1] Strategies of AlGaN Heterostructure Design and Growth for UVC Optoelectronic and Electronic Device Applications Uiho Choi ¹ , Minho Kim ¹ , Byeongchan So ² , Okhyun Nam ¹
		Test Account, test1 2022-05-10 17:39:14.0 [TEST] leave the question

Downloads

IWUMD 2022

- You may download softcopies of the following materials from 'Online Conference' blue menu.
 - 1 e-Program Book
 - 2 e-Proceedings
 - **③** Online Platform Guideline







- We recommend you check the network before the session.
 Use a high-speed network -- wired, if possible -- for a stable connection to the meeting.
- Chrome/ Edge browsers are recommended.

Using Internet Explorer and Safari may cause restricted viewing or access.

• Please try to find a quiet environment and maintain the environment during a session.