

**INTERVIEW FEEDBACK FORM**

Interview Date : 06-Sep-2011

Name of Candidate : WANG Weizhu

Replacement for : (if applicable)

<u>Pros/Strengths:</u>	<u>Cons/Weakness:</u>
1) Experience with MOCVD growth of GaN-on-sapphire LEDs 2) Worked with Aixtron CRIUS II MOCVD tool 3) Familiar with tool installation and maintenance procedures 4) Familiar with fundamentals of MOCVD growth 5) Interested in experimentation for improving GaN quality on silicon	1) No device modeling experience 2) Limited device fabrication experience 3) No experience of MOCVD growth of GaN-on-Si

**Recommendations:**

1.  Reject

2.  To be considered for other Lab/Prog/Dept: \_\_\_\_\_  
 Reason for recommending: \_\_\_\_\_

3.  Recommended for Hire (*pl complete section a to d*)

Core    OR     Project (state which one) : \_\_\_\_\_

**a) How her capabilities are able to meet the job scope/projects?**

Weizhu has MOCVD growth experience. This type of experience is very rare and hard to find. We need someone to conduct MOCVD growth experiments to improve the growth quality of GaN-on-Si films.

\_\_\_\_\_

\_\_\_\_\_

The only staff we are working with for MOCVD is our colleagues from IMRE. We need someone in IME to conduct MOCVD growth experiments. \_\_\_\_\_

**c) Intended Job Scope:**

1. **Core:** 1) Development of 200 mm GaN-on-Si growth. 2) Improvement of GaN buffer quality. 3) Experiments using ALD buffer layer. 4) Support for GaN-on-Si device makers. 5)
2. **Industry:** Supports all industry projects requiring growth including potentially 1) NXP 2) Huawei 3) Marvel

**d) Expected measurable goals and deliverables:**

- 2 Publication Submissions for growth techniques of 200 mm GaN-on-Si
- 1 Patent on novel method for improving buffer quality of GaN-on-Si

➔ How soon can this candidate start contributing to IME (with the intended job scope)?

- Immediately with little coaching       In 3 - 6 months with regular coaching

➔ Please rate the level of difficulty in finding a suitable candidate for this position (1 being very easy and 4 being very difficult) 4

Name/Signature of Interviewers: \_\_\_\_\_

Date: \_\_\_\_\_