



NEW YORK STATE PHOTONICS BOARD OF OFFICERS MEETING AGENDA

March 2, 2018
11:30 AM – 12:15 PM
TAP Facility @ ON Semiconductor
1964 Lake Avenue
Rochester, NY 14615

PUBLIC SESSION

- 11:30 AM Chair Welcome & Report**
John Maggiore, New York State Director of Policy
Introduction of NYS Board Officers
- 11:35 AM Item #1 for Approval: Minutes**
Chair
- 11:40 AM AIM Photonics Update**
TAP Facility Update
2018-20 NYS Budget Request
Dr. Michael Liehr, AIM Photonics
Ed White, AIM Photonics
- 12:00 PM Photonics Attraction Fund**
Chair
- 12:05 PM Item #2 for Approval: AIM Photonics Funding Request 2018-20**
Chair
- 12:10 PM General Discussion & Next Steps**
Chair & Board Officers
- 12:15 PM Adjourn**

Next Meeting: TBD

Item No. 1

NYS Photonics Board of Officers Meeting
March 3, 2017
2:30 PM to 3:30PM
ON Semiconductor
1964 Lake Avenue,
Rochester, NY 14615

Board Members Present: John Maggiore, Anne Kress, Alexander Cartwright, Ryne Raffaele, Rob Clark, Jeff Cheek (via phone), Bahgat Sammakia (via phone)

Guests/Presenters: Robert Duffy, Dr. Michael Liehr and Ed White

Mr. Maggiore welcomed everyone and acknowledgements were made of those in attendance. The Board Members introduced themselves.

Mr. Maggiore stated that \$28 million has been approved by ESD for the TAP Facility. ESD NYSTAR has also hired Terrence Clas to be an embedded liaison at AIM to help with SME outreach.

A motion for the approval of the meeting minutes was made by Mr. Raffaele and seconded by Mr. Clark. However, an amendment was made as Mr. Cartwright was not at the previous meeting and was thus removed. A vote to approve the amendment was passed. A vote was taken to approve the meeting minutes with the amendment was passed by all.

Dr. Liehr gave an update on AIM Photonics and noted two more Tier 1 members that signed up for 4 years – GE and Mentor Graphics. They are working on one more significant company and will provide updates later. Coventor and Precision T are smaller companies that have signed on. They are also working on a sensor project for the Defense Department here in Rochester at AIM.

Dr. Liehr also gave an update on the TAP Facility. They have completed a term sheet and are now working on the layout and renovations. The IBM licensing agreement is complete and the technology transfer is underway. Hiring is also underway and the winners have been selected to order equipment, which will be done in two waves as there are substantial lead times.

Dr. Liehr then reviewed the 2017-18 budget (Handout Item #2 for the board member meeting materials), which requested \$81 million, to include \$70 million for additional equipment/capital and \$10 million for the second year of operating expenses.

Mr. Maggiore asked for any comments or questions on the updates and the budget request. No comments or questions were stated. Dr. Kress made a motion to vote on the budget and Mr. Cartwright seconded. There were no comments or questions made. A vote was taken and it passed unanimously.

Mr. Maggiore reviewed the Photonics Venture Challenge that was announced as part of the Governor's 2017 agenda for \$10 million. This is open to all OPI businesses to compete and 10 to 15 business to be selected to bring their start up photonics business to Rochester. Award winners must reside and operate in the Rochester region for at least one year, ideally within High Tech Rochester's new business accelerator at the Sibley Building or near the AIM Photonics TAP facility at EBP. Dr. Kress stated she is very excited as OPI is a fundamental pillar for the FLREDC and this is building out the ecosystem.

There is no new business to be considered at this time and a return meeting will be done at a later date to coincide with progress milestones on the TAP construction.

Mr. Cartwright moved to adjourn and Mr. Raffaele seconded this motion. A vote was taken and unanimously approved.

The meeting was adjourned at 3:04pm.

**Special TAP Update & Tour
September 21, 2017
ON Semiconductor
1964 Lake Avenue
Rochester, NY 14615**

On September 21, 2017 several officers of the NYS Photonics Board and other interested stakeholders of AIM Photonics attended a special public update on the Testing, Assembly and Packaging (TAP) facility construction.

Remarks were made by Congresswoman Slaughter, John Maggiore, Bob Duffy and Michael Liehr. Ed White of AIM Photonics provided a detailed update of the construction project.

Tours were conducted for meeting guests and members of the media following the presentations.

Item No. 2

Proposed AIM Photonics Budget for 2018-20

- The proposed NYS budget, in support of AIM Photonics programs located in NYS, is **\$60 million**
- The proposed budget covers the period April 1, 2018 through March 31, 2020 and also a dedication of \$30 million for a Photonics Attraction Fund that will be used as an incentive for future integrated photonics projects.
- The 2018-20 proposed budget are the third and fourth tranches of NYS expenditures. Including this proposed budget, the NYS expenditures through March 31, 2020 will be:
 - \$106 Million (April 1, 2016 – March 31, 2017)
 - \$ 81 Million (April 1, 2017 – March 31, 2018)
 - \$ 60 Million** (April 1, 2018 – March 31, 2020 + Photonics Attraction Fund)
 - \$247 Million
- The summary of the 2018 – 2020 expenditures is (see table for details):
 - \$30 Million for Operating and Maintenance (\$10M per year for 3 years)
 - \$30 Million** for Photonics Attraction Fund (future project incentive offers)
 - \$60 Million Total**

Funding Request Item	Purpose	[\$M]
Photonics Attraction Fund	Dedicated funding for integrated photonics projects	\$ 30
Operations and Maintenance (3 years)		
Education and Workforce Development (UR \$1.5M, RIT \$1.5M)		\$ 3
R&D Project State Match (UR 3.0M, RIT \$3.0M)		\$ 6
AIM Operating Wafer, Test Package, Assembly Budget		\$ 21
TOTAL O&M		\$ 30

March 2, 2018

NEW YORK STATE PHOTONICS BOARD OF OFFICERS – Approval of AIM Photonics 2018-20 Budget

BE IT RESOLVED, that upon the basis of the materials presented at this meeting, the New York State Photonics Board of Officers (the “Board”) hereby approves the AIM Photonics 2018-20 budget; and be it further

RESOLVED, that the Board recommends and approves that copies of the approved AIM Photonics budget be provided to the AIM Photonics Leadership Council and all other interested parties.

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