

## e-Manufacturing & Design Collaboration 2014

### Invited Speech: **Integrating Existing Capabilities of Local Companies for Making Critical Spare Parts to Meet Logistic Demand of Semiconductor Industry**



**Dr. Bob, Han Ying Chen**

*Vice President*

*Wave Power Technology Inc.*

#### **About the Speaker**

Bob, H.Y. Chen received his M.S. degree and Ph.D. degree in physics from National Tsing Hua University, Hsinchu, Taiwan in 1989 and 1996 respectively. His major interest is focused on high power microwave tubes and related technology.

He is currently with Wave Power Technology Inc. serving as Vice President and leading the RD group.

#### **Abstract**

Ever-present effort keeps being made by all parties around the whole semiconductor industry to lower manufacturing cost and shorten turnaround time for acquiring expensive expendables. That's one of the most important driving forces for one to survive the highly competitive industry nowadays.

All domestic chip-making companies here in Taiwan have long relied on foreign OEM's to supply most of their needed critical spare parts in ensuing logistic support in addition to initial hardware acquisition.

Required capability to build foregoing parts ever needed by local players of the semiconductor industry might have long been norms to some companies who are engaged in different industries. The point is those have-nots don't know where to find the qualified haves and vice versa.

To bridge over the painful gap, an integration platform which pieces together as many involved parties as possible helps weave through both sides of supply and demand.