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Bethanne Felder

3rd

Member of Technical Staff at Applied Materials
Portland, Oregon Area | Semiconductors

Previous [Applied Materials](#)
Education [California State University-Northridge](#)

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<https://www.linkedin.com/pub/bethanne-felder/12/173/9a0>

Background



Summary

Accomplished engineering professional combines Masters in Engineering with 33 years of experience in photovoltaic and semiconductor process engineering and photovoltaic reliability engineering. Adept at developing and troubleshooting thin film processes and photovoltaic reliability issues. Excellent communicator with aptitude for collaborating with cross functional teams to deliver winning solutions. Successfully certified thin film photovoltaic module through IEC and UL.



Experience

Member of Technical Staff

Applied Materials
March 2012 – Present (3 years 6 months) | Portland, Oregon Area



Support Applied Materials customers by working with them to resolve their issues and optimize processes on dielectric and metal CVD, PVD and high temperature processes. Increased customer satisfaction with prompt service, attention to detail, and focus on customer specifications

Crystalline Module Reliability

Applied Materials
April 2010 – February 2012 (1 year 11 months)



Responsible for operation of crystalline module lab in Xi'an China including material and module qualification and reliability testing. Manage all IEC and UL certification activities including making of modules, documentation and interaction with certification bodies.

Thin FilmModule Reliability Mangager

Applied Materials
March 2008 – April 2010 (2 years 2 months)

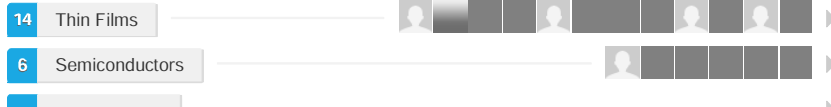


Managed engineering group that qualified thin film modules made on AMAT's SunFab equipment to industry standard IEC and UL specifications. Technical lead for the SunFab reliability lab in Xi'an, China.



Skills

Top Skills



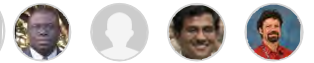
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- 4 Design of Experiments
- 4 Cross-functional Team...
- 4 CVD
- 3 UL
- 3 Semiconductor Industry
- 3 Semiconductor Process

Bethanne also knows about...

- 3 Failure Analysis
- 2 Troubleshooting
- 2 PVD
- 2 PECVD
- 2 Silicon
- 2 Product Engineering
- 2 Metrology
- 1 Materials
- 1 FMEA
- 1 Engineering Management
- 1 Reliability Engineering
- 1 Reliability
- 1 SPC
- 1 JMP

Education

California State University-Northridge
Masters, Mechanical Engineering
1990



Northland College
Bachelor's degree, Chemistry
1976 - 1979



Additional Info

• Advice for Contacting Bethanne

Please contact me by email solaror@comcast.net

Recommendations

Given (1)



Mark Kastelic
Senior Process Support Engineer

Mark is a creative committed engineer. He is very hands-on with tool hardware and has good repoire with equipment engineers and customers. He has a strong commitment to project deadlines. On one project we both were assigned to Mark went way beyond expectations working overnight to get a start up done on time. Mark is experienced introducing new products to the field.

August 15, 2009, Bethanne worked directly with Mark at Applied Materials

Following

Toshiba Corporation - Engineer

Kristof Darmawikarta
Packaging Engineer at Intel Corporation

Patrick Forrest
Characterization at Micron Technology

RABY WANN BAH
OPERATIONS ENGINEER LEAD at Micron Technology

In Common with Bethanne

Bethanne



People Similar to Bethanne



Sukwon Hong ^{2nd}
Member of Technical Staff at GLOBALFOUN...
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