



Career in Industry – Life, Work and Peace

WIE, The University of Manchester, December 2017

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MMIC Design Engineer, Arralis Technologies

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My Journey



B.Sc. Physics, Mathematics	2004
M.Sc. Physics (Electronics)	2006



Junior Research Fellow 2006 - 2008
Space Application Centre (SAC), ISRO,
Ahmedabad, India



PhD Student 2012 – 2016
PDRA 2016 - 2017
The University of Manchester

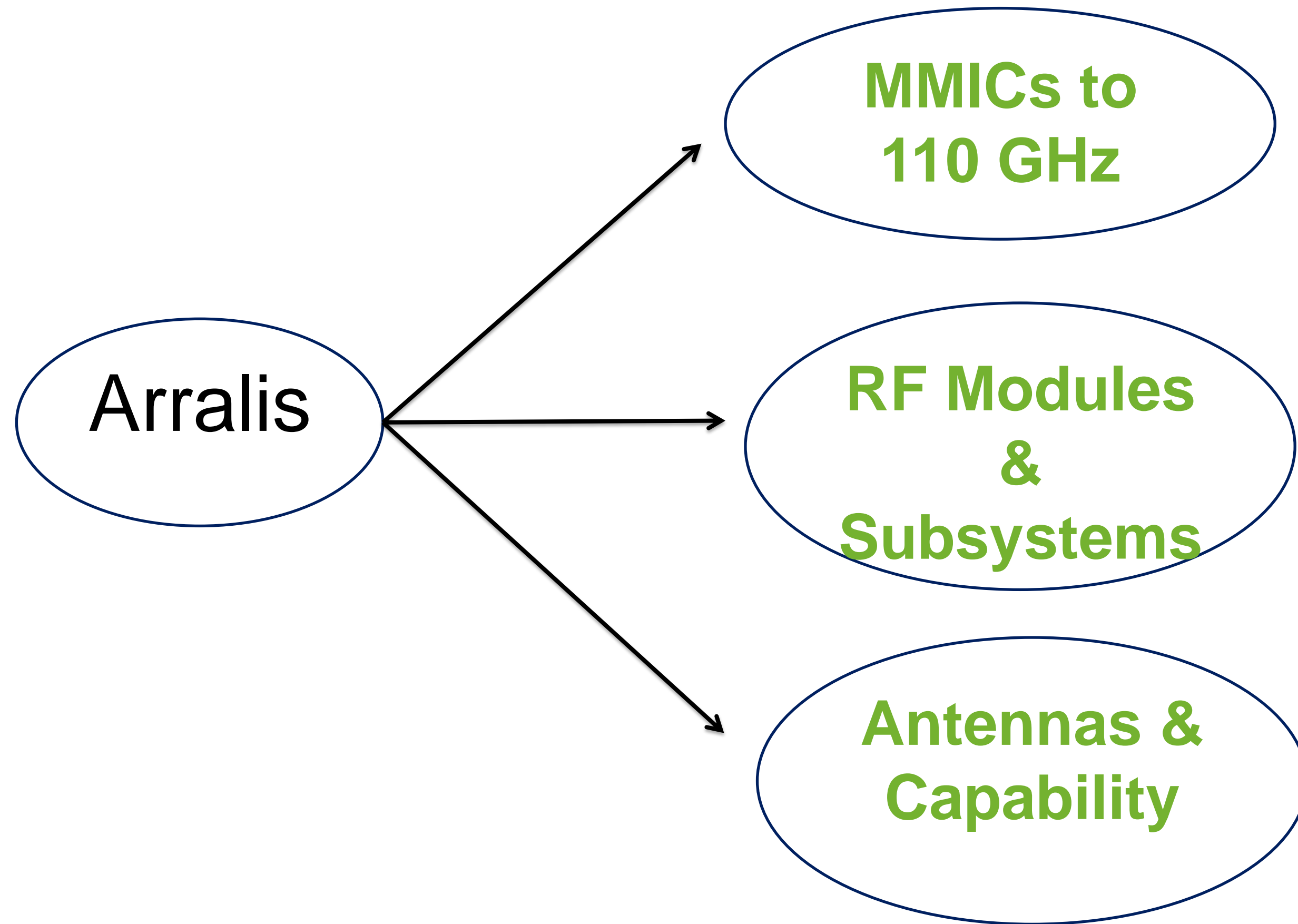


MMIC Design Engineer 2008 - 2012
Gallium Arsenide Enabling Technology
Centre (GAETEC), Hyderabad, India



My Journey

MMIC Design Engineer June 2017 – Present
Arralis Technologies, Manchester, UK

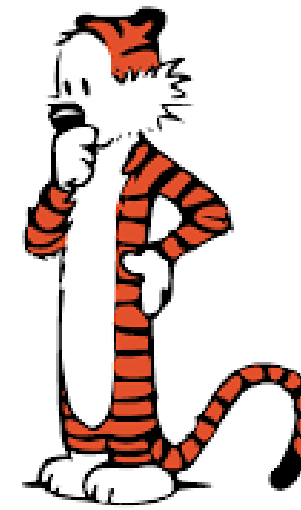


My Journey - Some decisions and experiences

- One of the 5 female students in a class of 30 in Masters degree
- Transition from Physics to RF & Microwave Engineering
- Only female employee in the technical group in 10 years of Industry and Academic Career
- Though never a disadvantage, however, it was sad to realise the scarcity of women engineers specifically in RF & Microwave hardware design.
- Always treated as an equal
- Skills outweigh any gender disparity – Be true to your work!
- Don't try to fit in – Be Yourself!
- Transition from a permanent job in India to academia to pursue a PhD degree
- Parents and family have been a big support



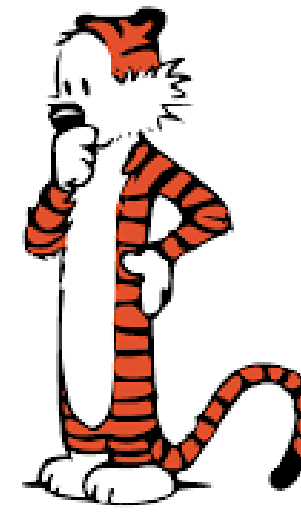
Some things to Ponder About



- Is it necessary to have a PhD to work in Industry?
 - ✓ No. What matters is your skill set, not the degree. Of course, you need to have some basic degree.
- Where is the step from Engineering to Management?
 - ✓ Firstly, do you want to take that step? If yes, there is no fixed time for it. Make the transition whenever you feel ready.
- How to balance Life and Career in Industry?
 - ✓ Time management and discipline!



Some things to Ponder About



- What if I want to come back to Academia after Industry?
 - ✓ Yes you can. Your value increases more due to the vast practical experience you gain and the contacts you make in Industry as that can initiate collaborative research. Don't forget to keep writing papers (and you might need a PhD now)!

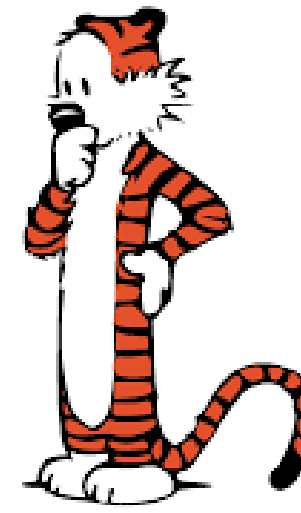


"I call it, 'Research Paper Lite.' It contains a third fewer facts, but you'd never know it."

- Being a woman, can I take heavy Engineering roles?
 - ✓ Why not? What is stopping you?



Some things to Ponder About

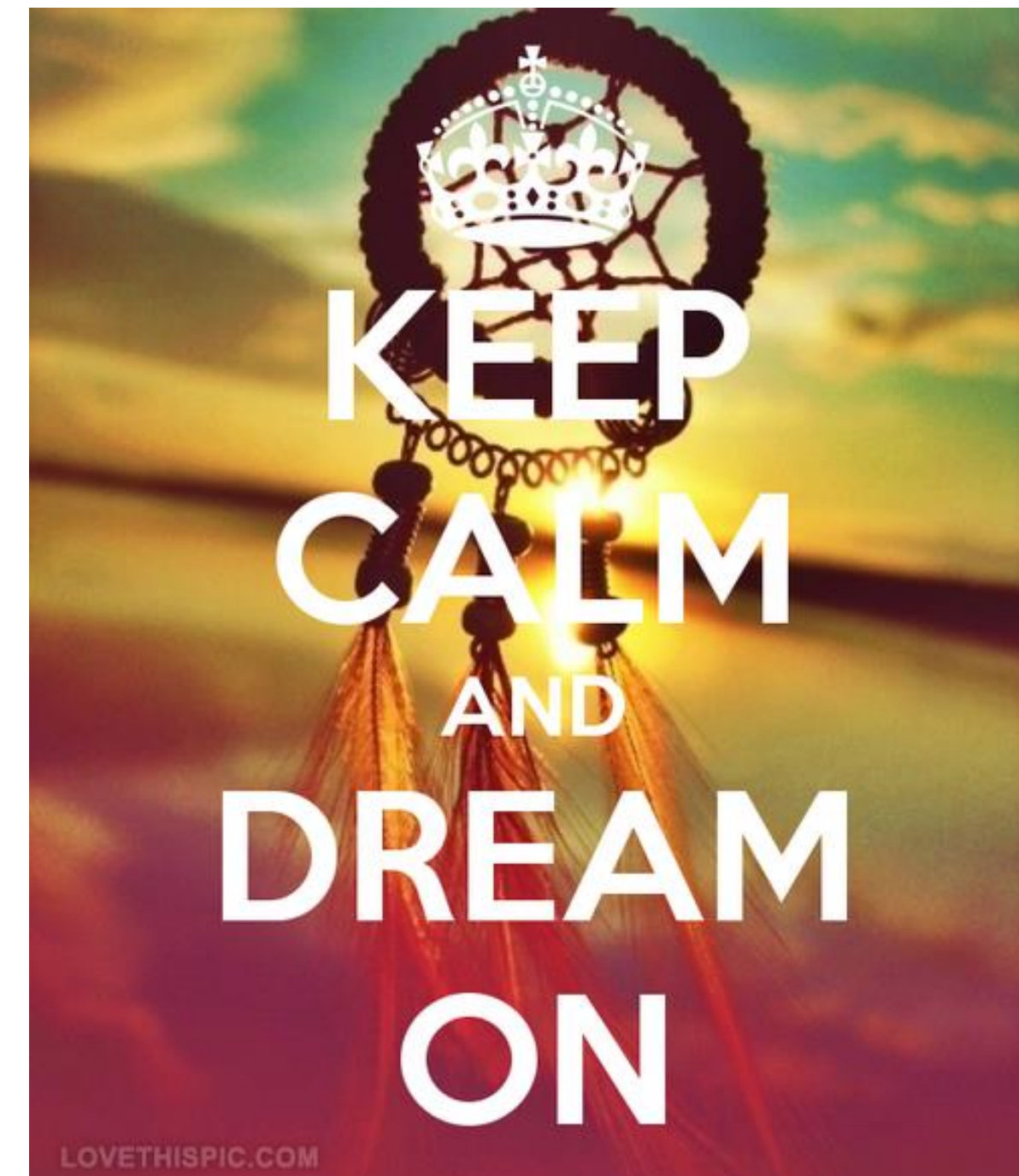


- Is there a perfect recipe for a perfect life and work balance in Industry?

✓ NO!!

- What is most important?

✓ Peace of Mind!



Scholarship Opportunity – PhD & Post-Doc (For Women Only!)



Schlumberger Foundation – Faculty for The Future (FFTF) Fellowship
(<https://www.fftf.slb.com/>)

Highlights:

- **Only for women from developing countries**
- **Supports PhD or Post-Doc applications in STEM subjects**
- **Any renowned university across the world**
- **Strong community of FFTF fellows**
- **Provides full financial support (Living + Tuition expenses)**
- **Applications open in September every year and close in November**
- **Highly competitive and sought after**



THANK YOU

Q & A

