tinyML Trailblazers

Ultra-low power machine learning at the edge success stories

tinyML Success Stories
with Anders Hardebring
CEO and Co-founder, Imagimob

INSPIRE-EDUCATE-ILLUMINATE

June 7, 2023







Thank you, **tinyML Strategic Partners**, for committing to take tinyML to the next Level, together









brainchip













































Executive Strategic Partners





The Leading Development Platform for Edge ML

edgeimpulse.com

Qualcomm Al research

Advancing Al research to make efficient Al ubiquitous

Power efficiency

Model design, compression, quantization, algorithms, efficient hardware, software tool

Personalization

Continuous learning, contextual, always-on, privacy-preserved, distributed learning

Efficient learning

Robust learning through minimal data, unsupervised learning, on-device learning

A platform to scale Al across the industry



Perception

Object detection, speech recognition, contextual fusion

Reasoning



Edge cloud





Cloud

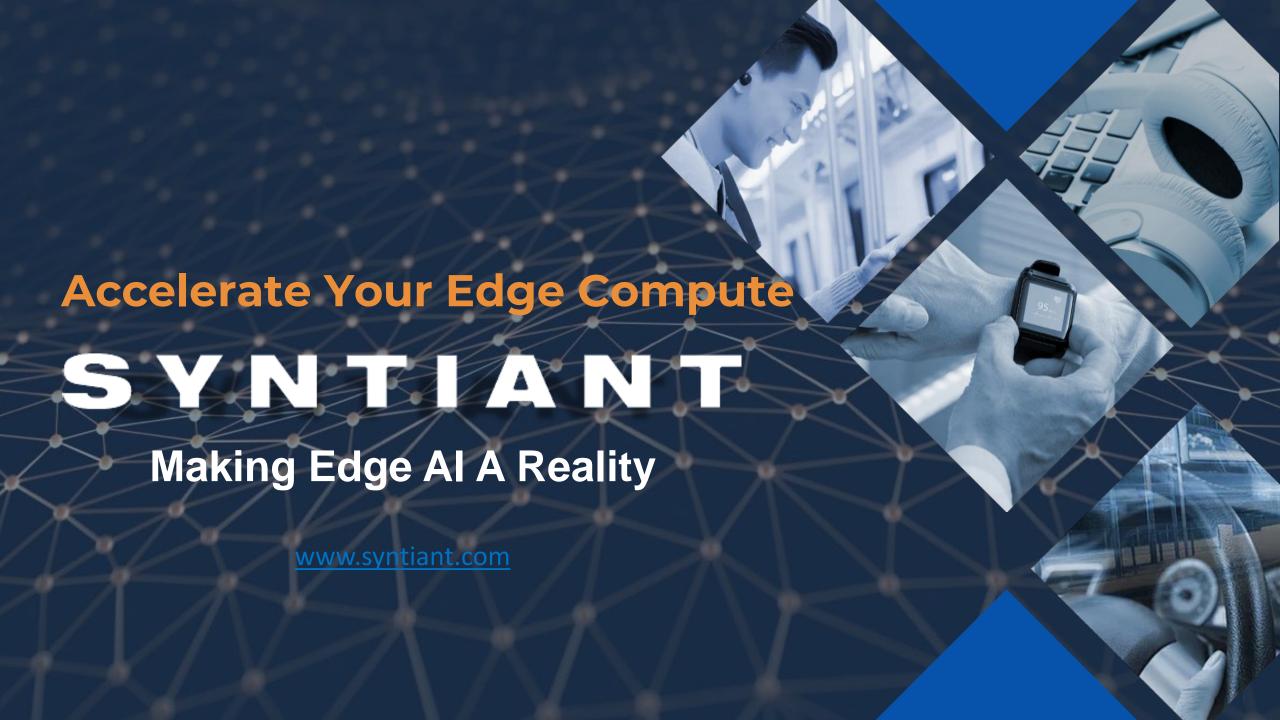




IoT/IIoT



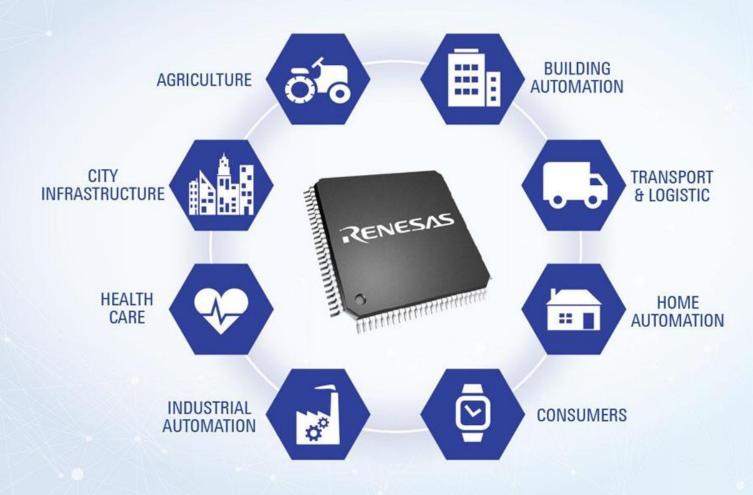






Platinum Strategic Partners

Renesas is enabling the next generation of Al-powered solutions that will revolutionize every industry sector.



renesas.com





DEPLOY VISION AI AT THE EDGE AT SCALE



Gold Strategic Partners





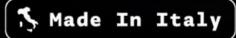
Where what if becomes what is.

Witness potential made possible at analog.com.





arduino.cc/pro



arm Al



















Arm Al Virtual Tech Talks

The latest in AI trends, technologies & best practices from Arm and our Ecosystem Partners.

Demos, code examples, workshops, panel sessions and much more!

Fortnightly Tuesday @ 4pm GMT/8am PT

Find out more: www.arm.com/techtalks



Driving decarbonization and digitalization. Together.

Infineon serving all target markets as

Leader in Power Systems and IoT



www.infineon.com



NEUROMORPHIC INTELLIGENCE FOR THE SENSOR-EDGE





Microsoft

The Right Edge Al Touls Can Make Break Your Next Smart IoT Product







ENGINEERING EXCEPTIONAL EXPERIENCES

We engineer exceptional experiences for consumers in the home, at work, in the car, or on the go.

www.synaptics.com







Silver Strategic Partners



brainchip























Join Growing tinyML Communities:



14.9k members in47 Groups in 39 Countries

tinyML - Enabling ultra-low Power ML at the Edge

https://www.meetup.com/tinyML-Enabling-ultra-low-Power-ML-at-the-Edge/





4k members & 11.6k followers

The tinyML Community

https://www.linkedin.com/groups/13694488/







Subscribe to tinyML YouTube Channel for updates and notifications (including this video) www.youtube.com/tinyML





tinyML 4.33K subscribers

9.6k subscribers, 585 videos with 338k views

HOME

VIDEOS

PLAYLISTS

COMMUNITY

CHANNELS

ABOUT

Q





On Device Learning Forum - Professors..





138 views • 4 days ago



54 views • 4 days ago

On Device Learning Forum - Yiran Chen:...

47 views • 4 days ago



On Device Learning On Device Learning Forum - Hiroku... Forum - Song Han: O ...





tinyML Smart Weather Station Challenge -...

122 views • 4 days ago

Singapore:... 262 views •

2 weeks ago

3 weeks ago

tinyML Talks Germany:

Neural network..

374 views •

2 months ago

511 views •



229 views • 3 weeks ago

tinyML Smart Weather Station with Syntiant...

265 views • 3 weeks ago

287 views •

190 views •

2 months ago



286 views • 1 month ago





351 views • 1 month ago

tinyML Auto ML **Tutorial with Qeexo**

462 views • 2 months ago



tinyML Trailblazers with Yoram Zylberberg

133 views • 2 months ago



tinyML Auto ML tinyML Auto ML **Tutorial with Nota Al Tutorial with Neuton**

> 336 views • 2 months ago



tinyML Challenge 2022: Smart weather...

378 views • 2 months ago

tinyML Talks South Africa - What is...

214 views • 2 months ago tinyML Talks: The new

Neuromorphic Analo... 448 views • 2 months ago

159 views • 2 months ago

tinyML Talks





- Paneldiscussion

2 months ago

- Demos 545 views •

2 months ago









Shenzhen: 分享主题...







EMEA 2023

https://www.tinyml.org/event/emea-2023

More sponsorships are available: sponsorships@tinyML.org





Reminders

Slides & Videos will be posted tomorrow





tinyml.org/forums

youtube.com/tinyml



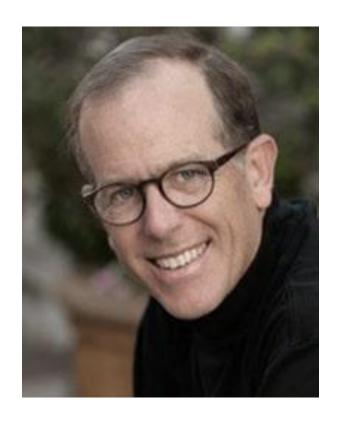
Please use the Q&A window for your questions





Host of the Trailblazers Series

Chris Rowen

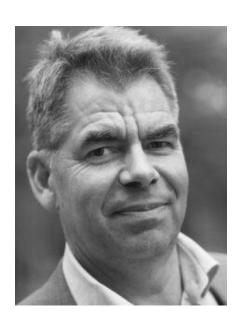


Chris is a Silicon Valley entrepreneur and technologist, now VP of AI Engineering and Product for Webex Collaboration in Cisco. Most recently he was co-founder and CEO of BabbleLabs, a speech ML company, acquired by Cisco in 2020. Prior to Babblelabs, Chris served as CTO for Cadence's IP Group, which he joined after Cadence's acquisition of Tensilica, the company he founded in 1997 to develop extensible processors. He led Tensilica as CEO and later, CTO, to develop one of the most prolific embedded processor architectures, especially for compute-intensive embedded processing. Chris was a pioneer in developing RISC architecture and helped found MIPS Computer Systems in 1984. He has an MS and PhD in EE from Stanford and a BA in physics from Harvard. He was named an IEEE Fellow in 2015 for his work in development of microprocessor technology.



Anders Hardebring

Today's Guest



Anders is CEO and co-founder at Imagimob. Anders has strong experience in leading and developing early-stage companies in the technology sector. Anders was a driving force from start to exit in AU-System Mobile/Across Wireless that was sold to Sonera Smarttrust in a Billion-dollar exit. Anders holds a MSc in Industrial Engineering and Management from Linköpings University.





Thank you, **tinyML Strategic Partners**, for committing to take tinyML to the next Level, together









brainchip













































Copyright Notice

This multimedia file is copyright © 2023 by tinyML Foundation. All rights reserved. It may not be duplicated or distributed in any form without prior written approval.

tinyML® is a registered trademark of the tinyML Foundation.

www.tinyml.org



Copyright Notice

This presentation in this publication was presented as a tinyML® Talks webcast. The content reflects the opinion of the author(s) and their respective companies. The inclusion of presentations in this publication does not constitute an endorsement by tinyML Foundation or the sponsors.

There is no copyright protection claimed by this publication. However, each presentation is the work of the authors and their respective companies and may contain copyrighted material. As such, it is strongly encouraged that any use reflect proper acknowledgement to the appropriate source. Any questions regarding the use of any materials presented should be directed to the author(s) or their companies.

tinyML is a registered trademark of the tinyML Foundation.

www.tinyML.org