

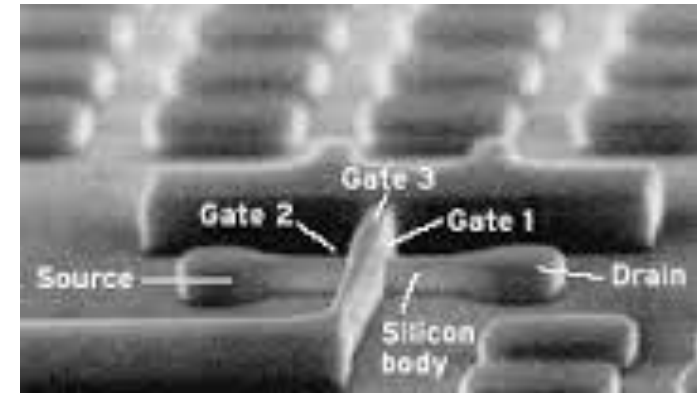


Academic Community Meeting
Wednesday 24th May 2017
Queens Hotel, Leeds

Professor Anthony O'Neill, Newcastle University

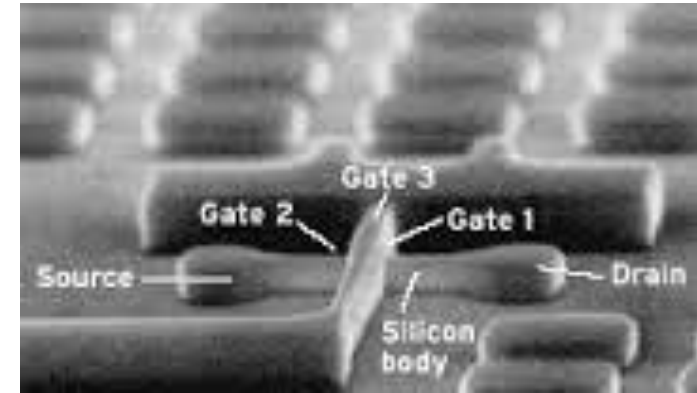
eFutures Aims

1. Maximise the impact of UK electronics research
2. Consolidate the academic community engaged in all aspects of electronic systems and technologies research:
 - electronic materials, device concepts, miniaturization and diversification; design paradigms, systems and networks
 - broaden landscape
3. Develop and exploit unique strengths
4. Support a vibrant and sustainable community



eFutures Objectives (case for support 2014-2018)

1. Building Bridges
 - Cross-disciplinary action
2. Supporting early careers
 - ECR events, sandpit
3. Working with industry
 - Joint events with NMI, KTN, innovate UK
4. Working with new academic communities
 - Broaden landscape, building bridges
5. Consolidating eFutures
 - Web presence, annual community event



Steering Group comprises of ...

Academic members

- ▶ Anthony O'Neill (Newcastle)
- ▶ Andrew Brown (Southampton)
- ▶ David Cumming (Glasgow)
- ▶ Steve Furber (Manchester)
- ▶ Steve Hall (Liverpool)
- ▶ Roger Woods (Queens, Belfast)

Network Administrator:
Debbie Wilde (since Sep 16)

eFutures@ncl.ac.uk

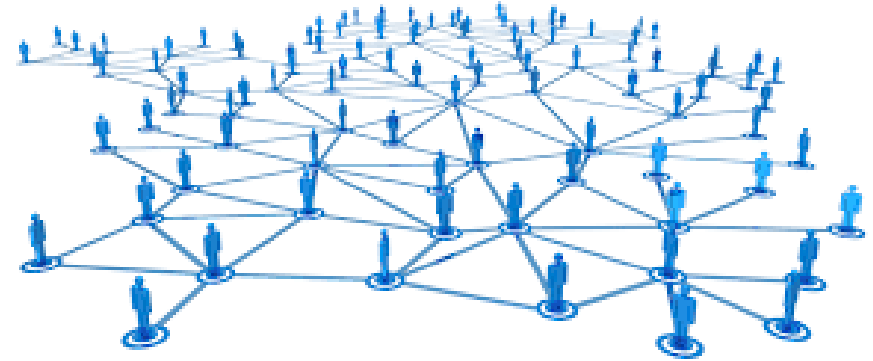
Extended Group

- ▶ Ian Phillips (ARM)
- ▶ John McLean (STFC)
- ▶ Alastair McGibbon (NMI)
- ▶ Ivor Evans (Qualcomm)
- ▶ Nigel Rix (ESP, KTN)
- ▶ Sarah Newman (EPSRC)
- ▶ Myriddin Jones (Innovate UK)



2017 Annual Community Event

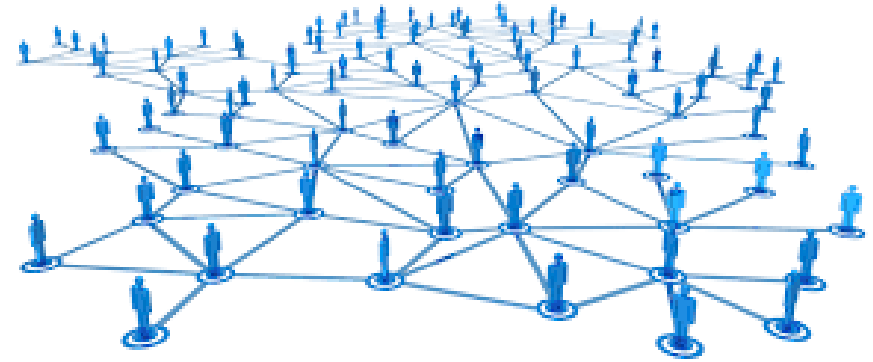
- ▶ Bring electronics community together
 - ▶ network
 - ▶ find out what's going on
- ▶ Present overview of electronics:
 - ▶ physical layer
 - ▶ circuit architecture
 - ▶ up to applications
- ▶ Identify future research consortia
 - ▶ EPSRC priority areas
 - ▶ Breakout groups around themes



EPSRC Cross-ICT Priorities

- ▶ Future Intelligent Technologies
 - ▶ intelligent, adaptive or autonomous systems
 - ▶ learn, adapt and make decisions
 - ▶ without human control
 - ▶ societal challenges

- ▶ Cross-Disciplinarity and Co-Creation
 - ▶ collaboration between disciplines
 - ▶ collaboration with users
 - ▶ cooperation and partnership during the development of new research ideas



Agenda – morning

Time	Activity
10.00	Coffee and Registration
10.35	Opening Address - Professor Anthony O'Neill, eFutures Chair
10:45	Physical Layer - Professor Asen Asenov, University of Glasgow
11.30	Architecture - Matt Horsnell, ARM
12.15	Lunch & networking



Agenda – afternoon

Time	Activity
13.30	Applications – Jonny Wray, e-Therapeutics
14.15	EPSRC funding priorities for the next delivery plan (2017 - 2020) – Dr Sarah Newman
14.30	Coffee Break
14:45	Breakout sessions: Devices to Systems (Medical / Security / Modelling/...)
15:45	Closing Remarks
16.00	Finish



Group Breakout sessions

- ▶ Identify scope and opportunities for research between electronics and ...

Group	Description
A	Medical
B	Security
C	Modelling

- ▶ Additional themes – **Energy, Transport, Automation**
- ▶ Choose the group that interests you
- ▶ By the end of the session,
3-4 research ideas / opportunities to be explored at a future workshop



Closing Remarks

- ▶ Thank you for your attendance & contribution to discussions.
- ▶ If you have any feedback for the eFutures Steering Group then we would like to hear from you so please contact us at efutures@ncl.ac.uk
- ▶ Future events:

Dates	Event	Venue
31 Aug - 1 Sep 2017	ERC: eFutures Workshop (2-day)	Cambridge
10 - 11 Jul 2017	Building Bridges: Teranet /eFutures joint event	Southampton
Late 2017	Building Bridges: CommNet/eFutures joint event	TBC

- ▶ New web page: www.efutures.ac.uk
 - ▶ Get involved (please?)
-

