

| DATE/ SESSION:   | ACTIVITY:  | NOTES:  |
|--|--|---|
| <b>THURSDAY – 6 of September 2018 – Evidence for ICT policymaking and regulation</b> |  |   |
| Session 1:<br>09h00 - 10h30  | <b>Building an evidence base for policy and regulation</b> <ul style="list-style-type: none"> <li>▪ leveraging national/global data bases, collection, management and analytics.</li> <li>▪ global indicators/ indices</li> <li>▪ data as a public good for national planning</li> </ul>                                       | Prof Alison Gillwald &<br>Dr Onkokame Mothobi |
| <i>Break</i>   |  |   |
| Session 2:<br>11h00 - 12h30  | <b>Demand side data collection and analysis</b> <ul style="list-style-type: none"> <li>▪ measuring progress towards SDGs in pre-paid mobile markets</li> <li>▪ moving beyond descriptive statistics to causes of digital inequality<br/>looking beyond access to stimulate demand</li> <li>▪ (Case study on gender)</li> </ul> | Prof Alison Gillwald &<br>Dr Onkokame Mothobi |
| <i>LUNCH</i>   |  |   |
| Session 3:<br>13h30 - 15h00  | <b>Broadband performance / Internet measurements</b> <ul style="list-style-type: none"> <li>▪ What are the relevant metrics to measure broadband performance?</li> <li>▪ (Existing) Internet measurements platforms and datasets</li> </ul> The case of African content hosting and latency implications                       | Dr Enrico Calandro                            |
| <i>Break</i>   |  |   |
| Session 4:<br>15h30 –17h00   | <b>Big data and SDGs</b> <ul style="list-style-type: none"> <li>▪ Big data and SDGs</li> <li>▪ Role of big data to monitor and achieve SDGs</li> <li>▪ Big data sources and use cases</li> <li>▪ Overcoming challenges in mainstreaming use of big data for SDGs</li> </ul>  | Sriganesh Loganathan                          |

| <b>FRIDAY 7 September 2018 Alternative access strategies</b> |   |                                  |
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| Session 9:<br>09h00 - 10h30                                  | <b>Reviewing universal access strategies</b> <ul style="list-style-type: none"> <li>▪ Assessing 2nd generation strategies, centred on Universal Service Funds</li> <li>▪ Practical methods for comparing performance across time &amp; countries</li> <li>▪ Emerging 3rd generation strategies</li> </ul>       | Prof Rohan Samarajiva            |
| <i>Break</i>   |   |                                  |
| Session 10:<br>11h00 - 12h30                                 | <b>Alternative access and use strategies</b> <ul style="list-style-type: none"> <li>▪ Current challenges and constraints</li> <li>▪ Community networks</li> <li>▪ Universal Basic Internet</li> <li>▪ Public Wi- Fi</li> <li>▪ Co-operatives and common pool resources</li> </ul>                               | Steve Song /Prof Alison Gillwald |
| <i>Lunch</i>   |   |                                  |
| Session 11:<br>13h30 - 15h00                                 | <b>Alternative spectrum strategies</b> <ul style="list-style-type: none"> <li>▪ Challenges of OECD-led spectrum policy for connecting the unconnected</li> <li>▪ Wholesale Access Network (WOAN)</li> <li>▪ Economic Regulation &amp; Spectrum Management</li> <li>▪ Alternative spectrum strategies</li> </ul> | Prof H Sama Nwana/Steve Song     |
| <i>Break</i>   |   |                                  |
| Session 12:<br>13h30 -15h00                                  | <b>Hot spectrum policy issues</b> <ul style="list-style-type: none"> <li>▪ The 5G Myth</li> <li>▪ What should Africa be focusing on at WRC?</li> <li>▪ Spectrum Sharing &amp; Dynamic Spectrum Access</li> </ul>  | Prof H Sama Nwana/Steve Song     |

| <b>SATURDAY 8 September 2018 – Cyber policy and cyber law</b> |  |                       |
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| Session 9:<br>09h00 - 10h30                                   | <b>Fake news, hate speech and other challenges of regulation in cyber realm</b> <ul style="list-style-type: none"> <li>▪ What is fake news? Is it really new? What challenges are posed by social media?</li> <li>▪ Case studies of legislation, policy and regulation in Malaysia, India and Sri Lanka</li> </ul>             | Prof Rohan Samarajiva |
| <i>Break</i>  |  |                       |
| Session 10:<br>11h00 - 12h30                                  | <b>Cyber security and internet governance</b> <ul style="list-style-type: none"> <li>▪ Cybersecurity governance and its intersection with Internet governance</li> <li>▪ The role of private sector-based networked governance and public private interplays in cybersecurity</li> </ul>                                       | Dr. Enrico Calando    |
| <i>Lunch</i>  |  |                       |
| Session 11:<br>13h30 - 15h00                                  | <b>Cyber readiness</b> <ul style="list-style-type: none"> <li>▪ The basic concepts of information security: confidentiality, availability and integrity of information</li> <li>▪ Understanding the nature of vulnerabilities, threats, exploits.</li> <li>▪ Assessing cyber-capacity through cyber-maturity models</li> </ul> | Dr Ian Brown          |
| <i>Break</i>  |  |                       |
| Session 12:<br>15h30 -17h00                                   | <b>Data protection/ Privacy</b><br>Does GDPR affect you/your country?  | Dr Ian Brown          |

**References:**

After Access 2017 (2018) ICT access and use surveys in 20 countries in Global South, <http://www.afteraccess.net>

'It feels like a gift': mobile phone co-op transforms rural Mexican community <https://www.theguardian.com/world/2016/aug/15/mexico-mobile-phone-network-indigenous-community>

[Why a spectrum auction could jeopardize rural internet projects in the quest for 5G](https://business.financialpost.com/telecom/why-a-spectrum-auction-could-jeopardize-rural-internet-projects-in-the-quest-for-5g)  
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Calandro, E. (2016). Undermining privacy and freedom of expression in guise of cybersecurity. In: Gruber, B., Jaume-Palasi, L., Leidel, S., and Spielkamp, M. eds) (2016). Guidebook Internet Governance. Media freedom in a connected world. Edition DW Akademie. Available at <http://www.dw.com/downloads/30373593/dwaguidebook-internet-governancefinal.pdf>

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Lokanathan, S., Perera-Gomez, T., Zuhyle, S. (2017). [Mapping Big Data Solutions for the Sustainable Development Goals](#)