



Disruptive Analysis

Don't Assume

AI, 6G & Spectrum Management

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Image credits: Pixabay.com / Dean Bublely / Stable Diffusion AI / Midjourney AI

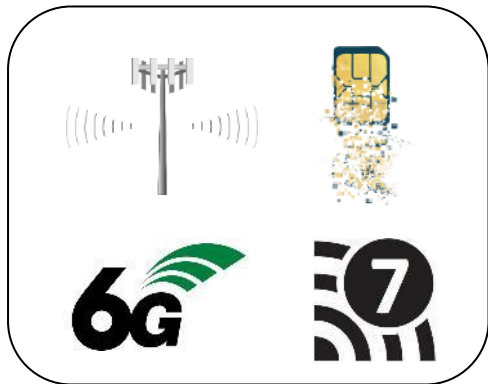


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Don't Assume

Dean Bublely & Disruptive Analysis @disruptivedean

- Tech/telecom analyst & strategic consulting since 1991
- Covering 5G, 6G, Spectrum, FTTX, Wi-Fi, voice, cPaaS...
- Regulatory, economic, societal & geopolitical aspects of telecoms
- Advisor to telcos, large & small vendors, investors, government
- **Biases: Against monopolies, lazy incumbency & hype**



**Network Tech, Policy
& Business Models**



**Communications
Apps & Services**



Telecom-Futurism



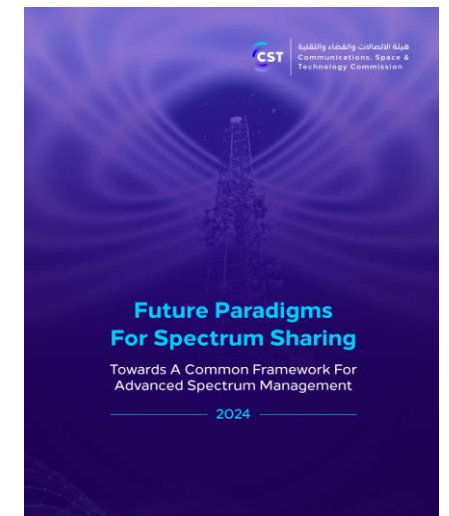
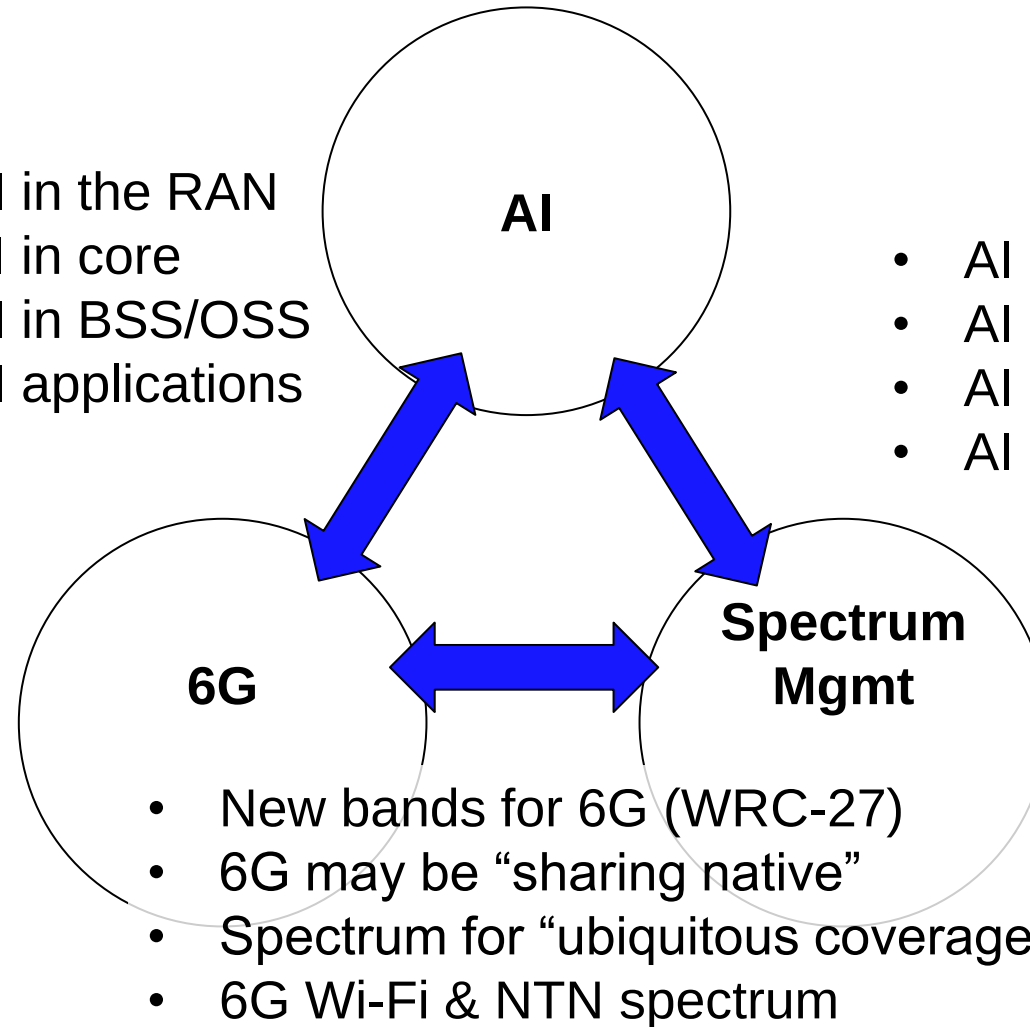
**Industry Analyst
Consulting &
Reports**



Multiple parallel trends and intersections

- AI in the RAN
- AI in core
- AI in BSS/OSS
- AI applications

- AI in spectrum monitoring
- AI in process (eg forms)
- AI in regulation
- AI in advanced sharing

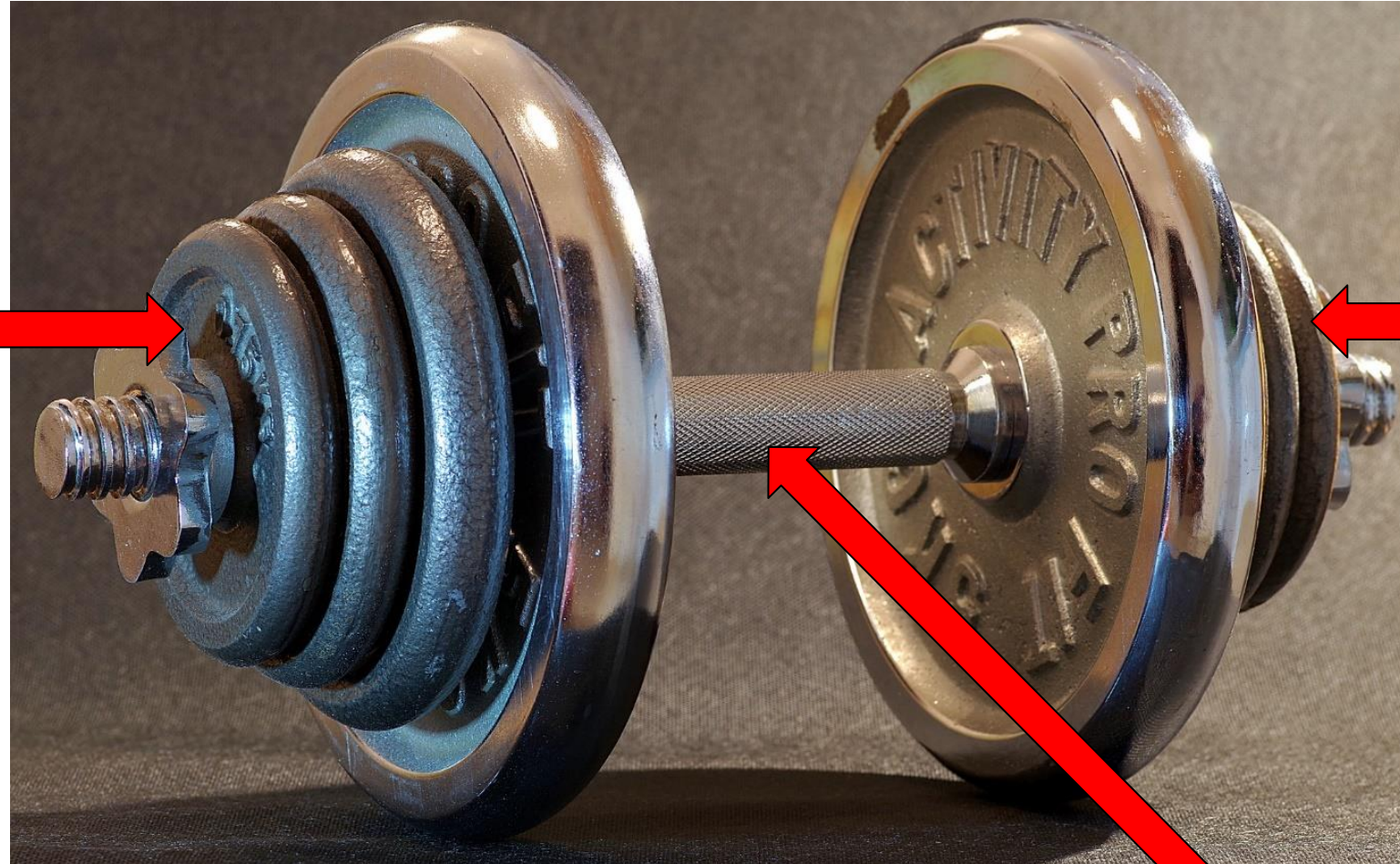




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Computing in the AI era: the dumb-bell distribution



End User AI:

**Phones, laptops,
IoT, home gateways,
Wi-Fi APs**

AI in datacentres

**Mid- & Large
DCs**

**Mobile Access Network,
Network Edge & Micro DCs**



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Three scenarios / ideologies for 6G



**Maximum tech evolution
“Metaverse for Dolphins”**



**Maximum
usefulness
(Prioritise key
issues &
opportunities)**



**Minimum
disruption
(MNO
status
quo)**



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