

CLOUDS ON THE HORIZON

a glimpse of the future of telecommunications

Linda Doyle

CTVR, Director



Things

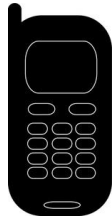
change.



USER



APP



DEVICE

RADIO ACCESS
NETWORK

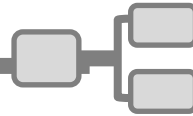
SPECTRUM



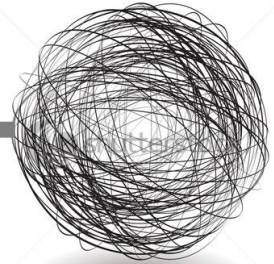
BASESTATION



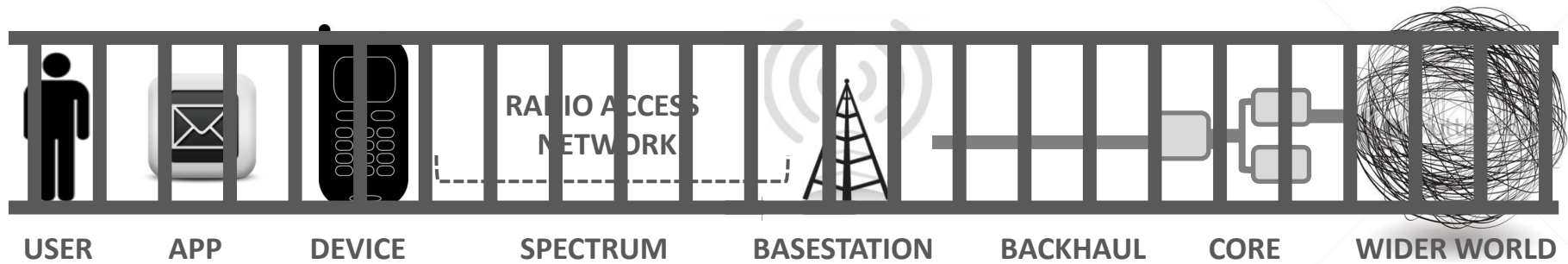
BACKHAUL



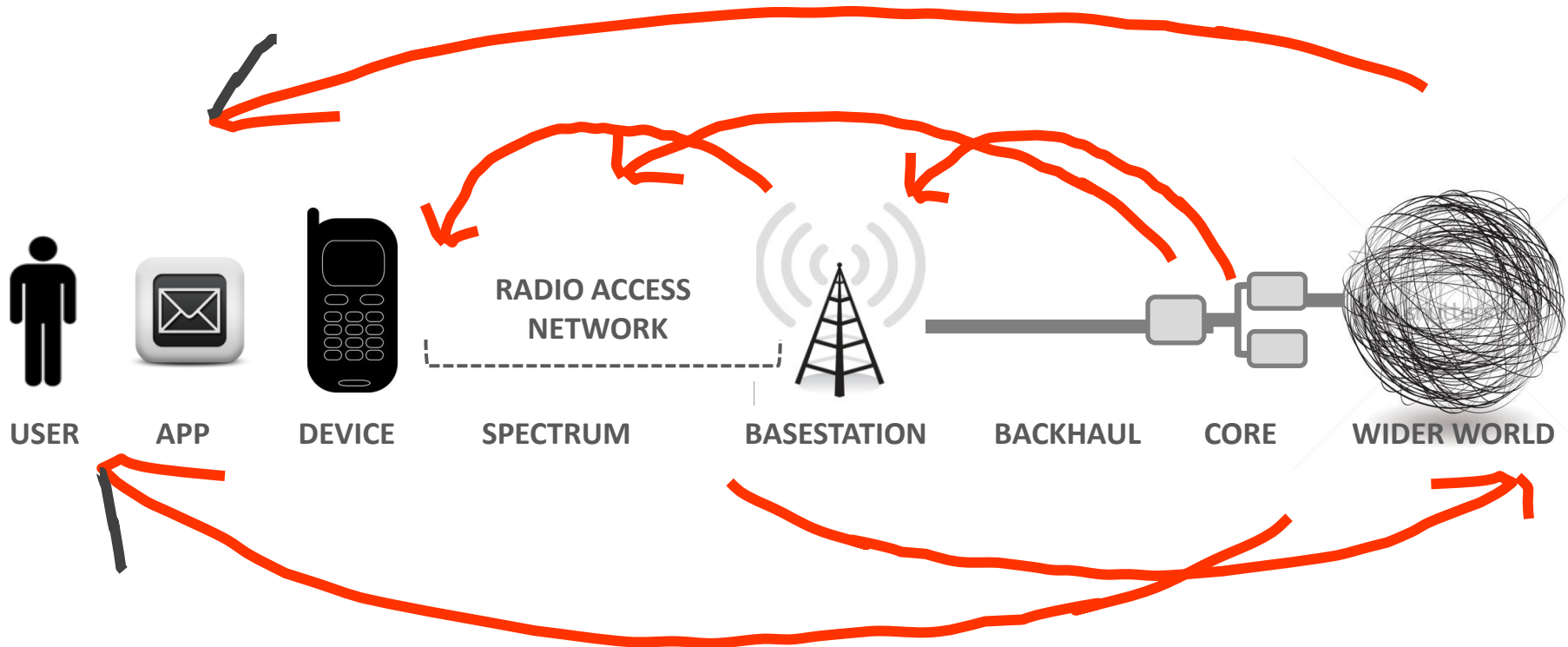
CORE



WIDER WORLD



BREAKDOWN OF OWNERSHIP MODELS



OSCILLATING FUNCTIONALITY



PERSONALITIES



CONTENT/APPS

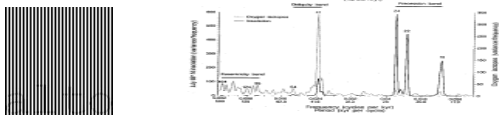


DEVICES



BASESTATIONS /ACCESS POINTS

RADIO ACCESS NETWORKS



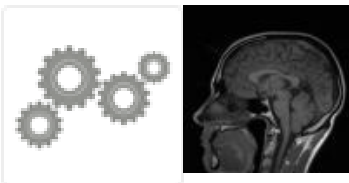
SPECTRUM



BACKHAUL OPTIONS / CORES



CLOUD RESOURCES



SMARTS/ INTELLIGENCE

networks of
the future will be
performed
into
existence





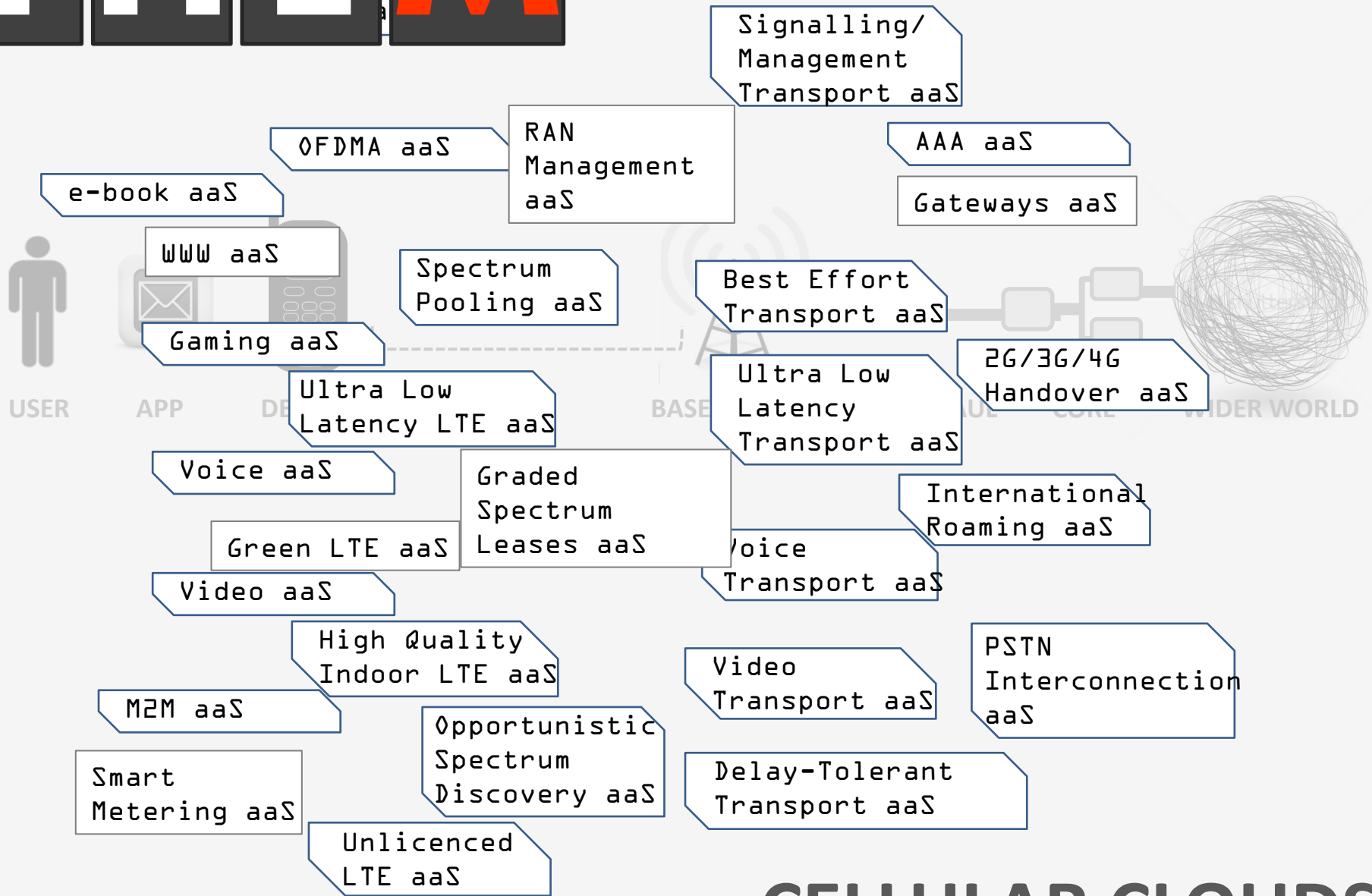
who are the
future
choreographers?

THEM

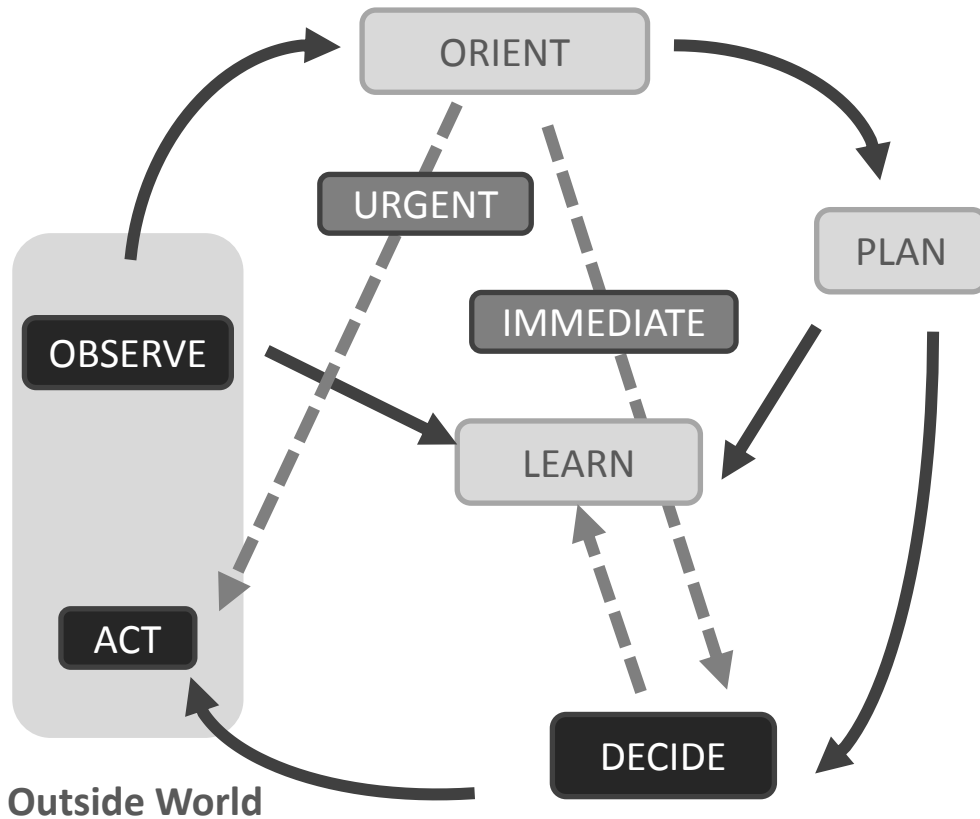
IT

**IT'S ALL ABOUT
ME**

THE M



CELLULAR CLOUDS



machines in charge



in a relationship



... one of us thinks
we're in a relationship



refusing to admit
it's over



in an on, off, on
again type relationship



in a relationship but
we don't know what
we're doing



recently single and
probably bitter



in a relationship
for the sex only



in an open relationship

SPACEBOOK – A **SOCIAL LIFE** FOR COGNITIVE RADIOS

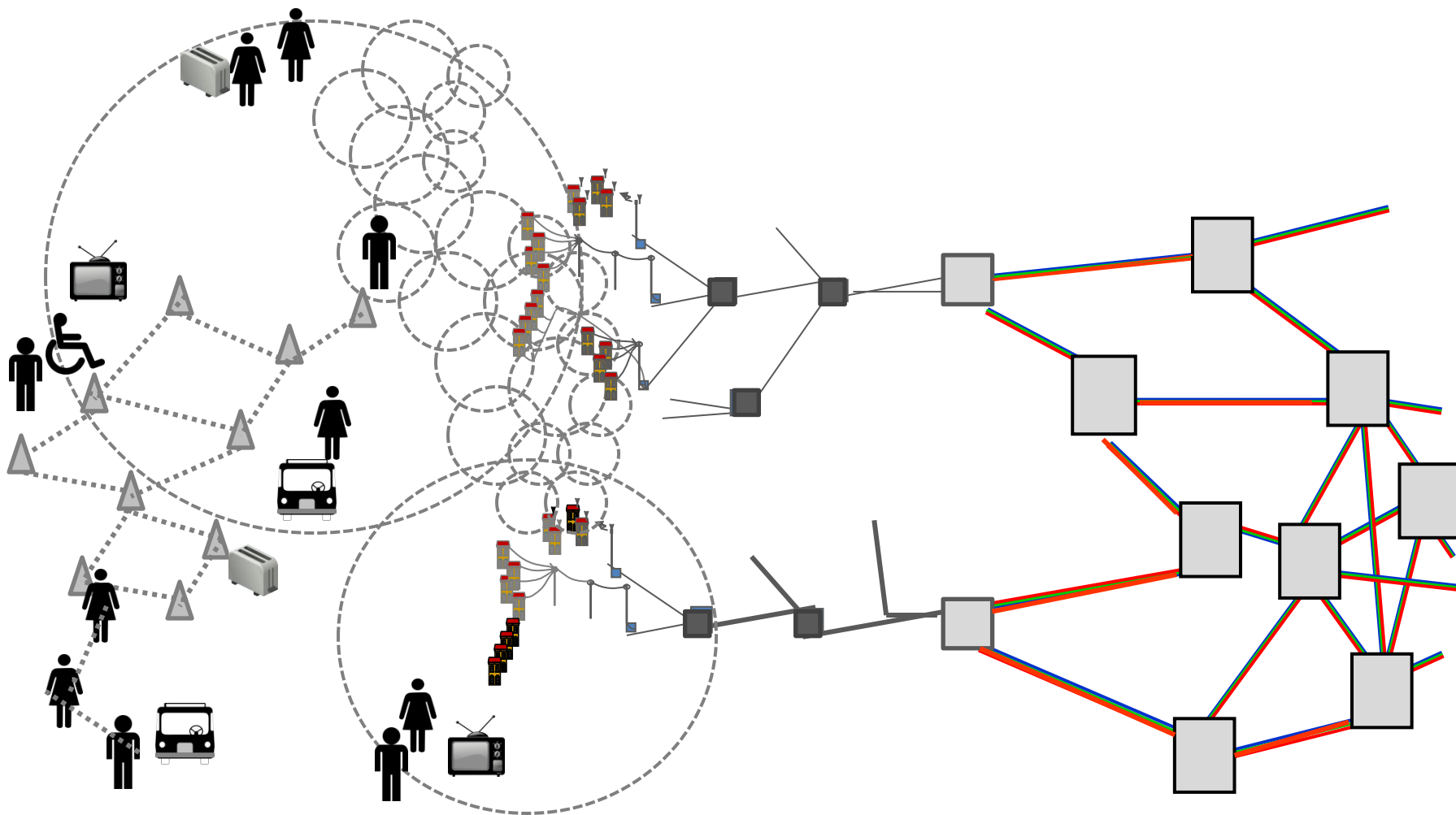
IT'S ALL ABOUT
ME



the crowdsourced network



this is what **CTVR** is all about



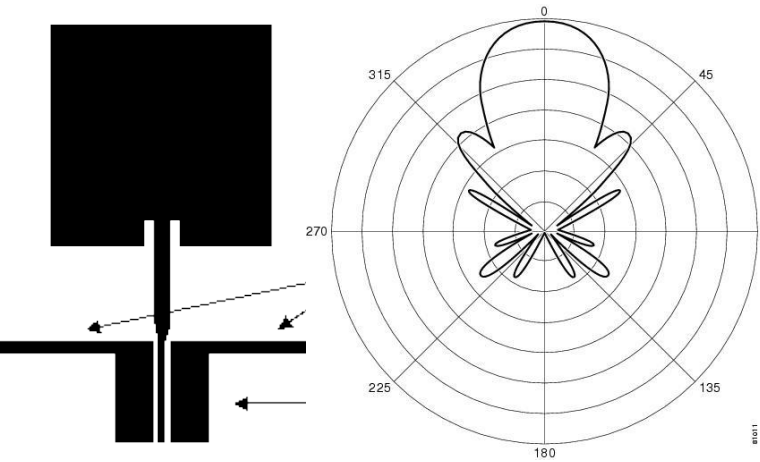
self-architecting wireless

+

LR-PON

+

flat core



ut
ie

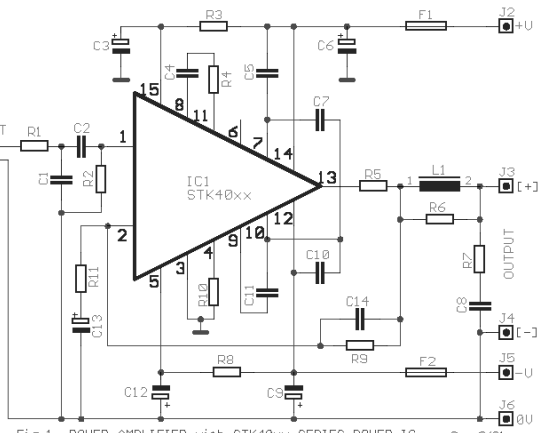
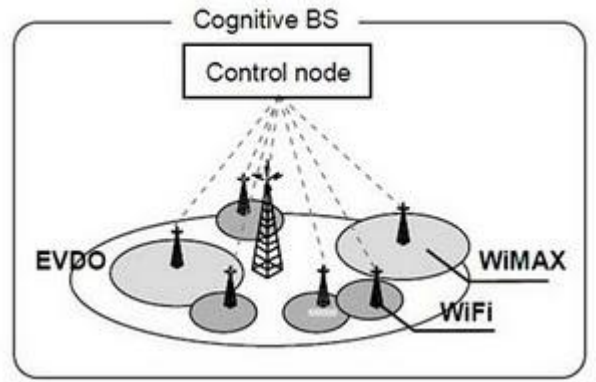
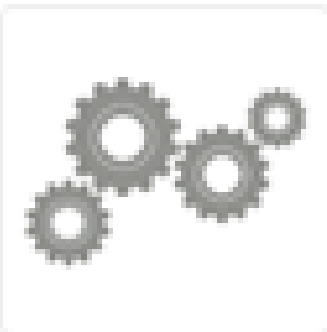
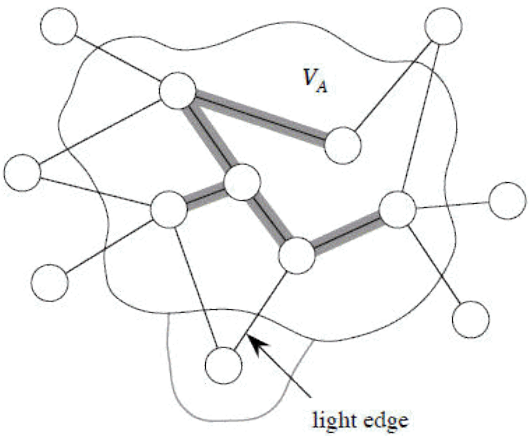
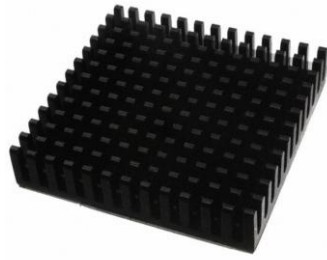
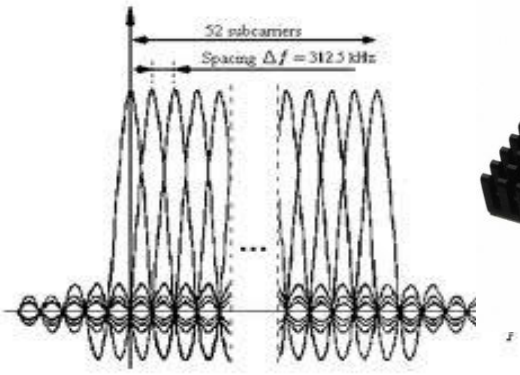
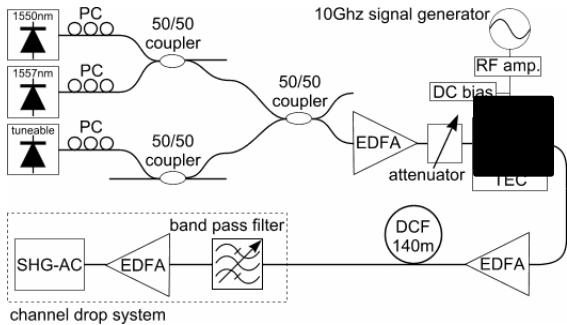
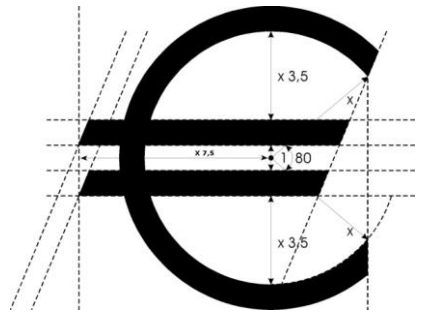


Fig.1--POWER AMPLIFIER with STK40xx SERIES POWER IC Sam 8/01



INTERPLAY

ARCHITECTURE

TECHNOLOGIES

Things

change...

CTVR is a National Centre
Co-PIs - Linda Doyle, Jeff Punch, Ken Brown, Ronan Farrell,
Luiz DaSilva, Dave Payne, Frank Peters

thanks for listening

www.ctvr.ie