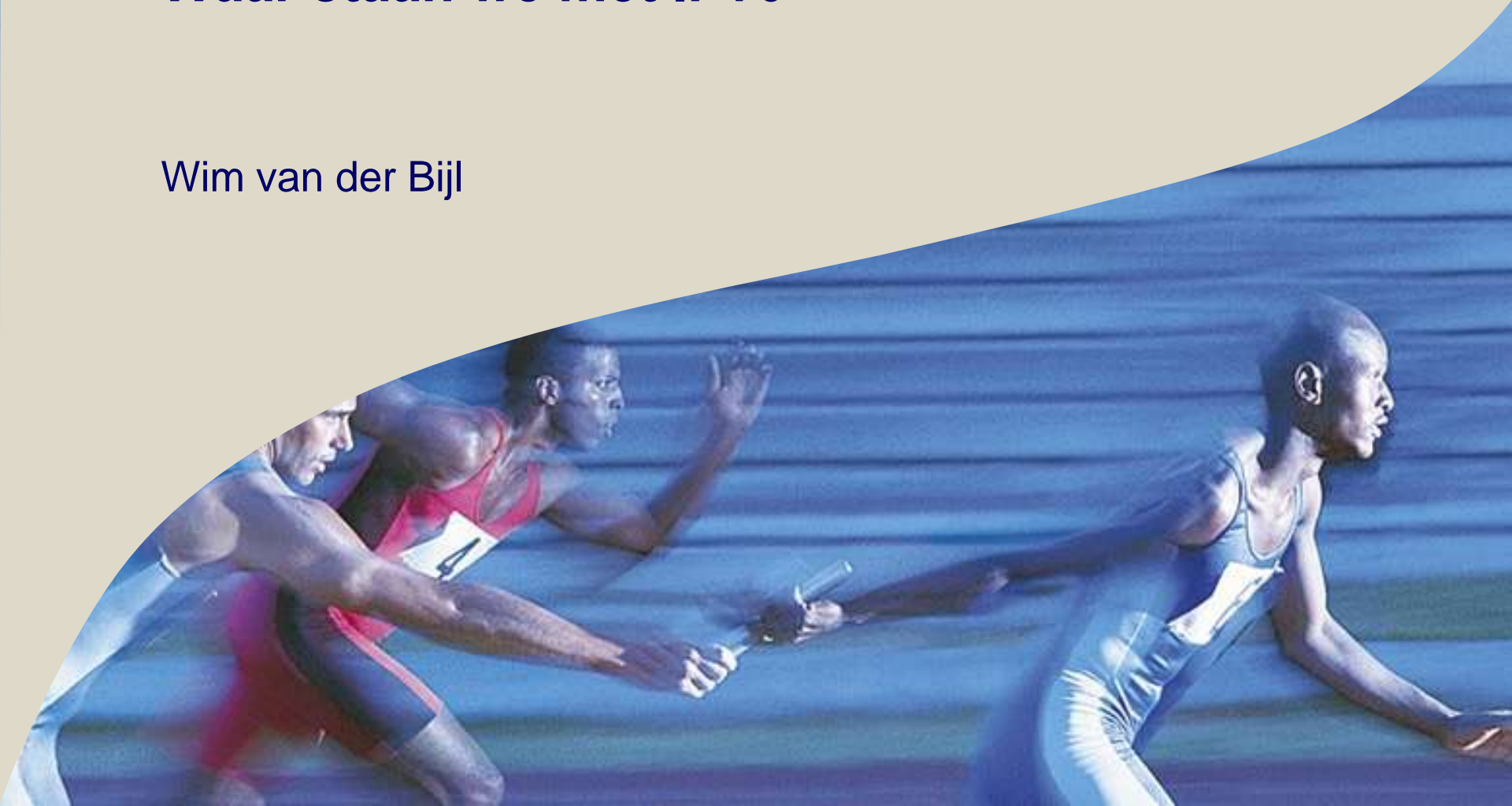


Waar staan we met IPv6

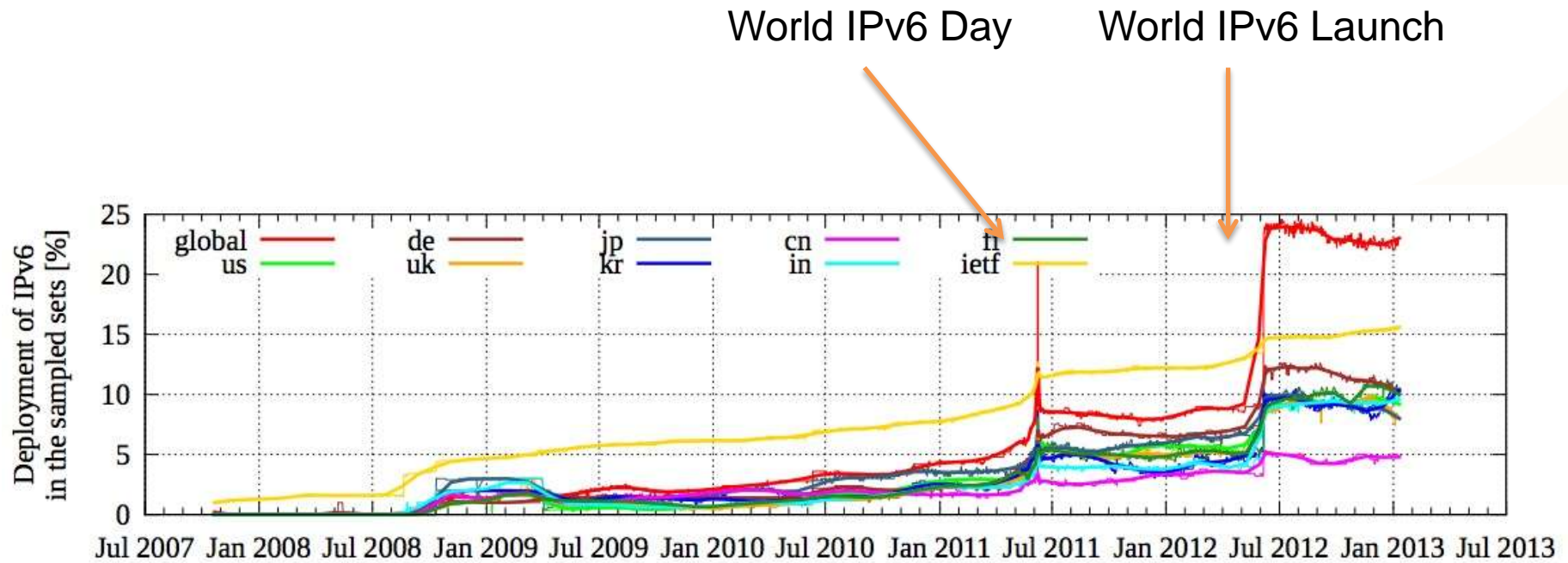
Wim van der Bijl



Current situation

- Percentage of available IPv4 addresses allocated 93%
- Worldwide about 23% of websites already IPv6 enabled
- Current traffic on the Internet Hub in Amsterdam (AMSIX)
 - Ipv4 Traffic: 1,9 Tbit/s
 - IPv6 Traffic 10 Gbit/s (0,5 % of total) but growing exponentially
- Main inhibitor for the growth of IPv6 currently:
 - Network operators not providing IPv6 connectivity
 - Datacenters not IPv6 enabled
 - No “killer app” which can work with only IPv6 present.
- One of the first needs from IPv6 are expected to come from new IPv6 only network deployments in Asia, where no sufficient IPv4 addresses are available

Deploying IPv6



About 1% native IPv6 approaches made to Google and growing exponentially (latest Jan 2013)

