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**Jelena Kovacevic\*** ([j.kovacevic@ieee.org](mailto:j.kovacevic@ieee.org)). *Frames in Communications*.

Frames have become ubiquitous. They started as a mathematical theory by Duffin and Schaeffer and have since evolved into a state-of-the-art signal processing tool.

Frames have been used in different areas under different guises. In particular, they appear in perfect reconstruction oversampled filter banks, as a tool to fight additive noise as well as provide numerical stability of reconstruction. They have also demonstrated resilience to quantization as well as resilience to coefficient losses in networks.

I will look into frames in communications systems. In particular, I will discuss how frames fit into wireless systems and an interesting connection between CDMA and frames. (Received September 12, 2002)