



M17614 – Poznan street sequence - Results of 3DV/FTV Exploration Experiment EE4

Krzysztof Klimaszewski
Olgierd Stankiewicz
Krzysztof Wegner

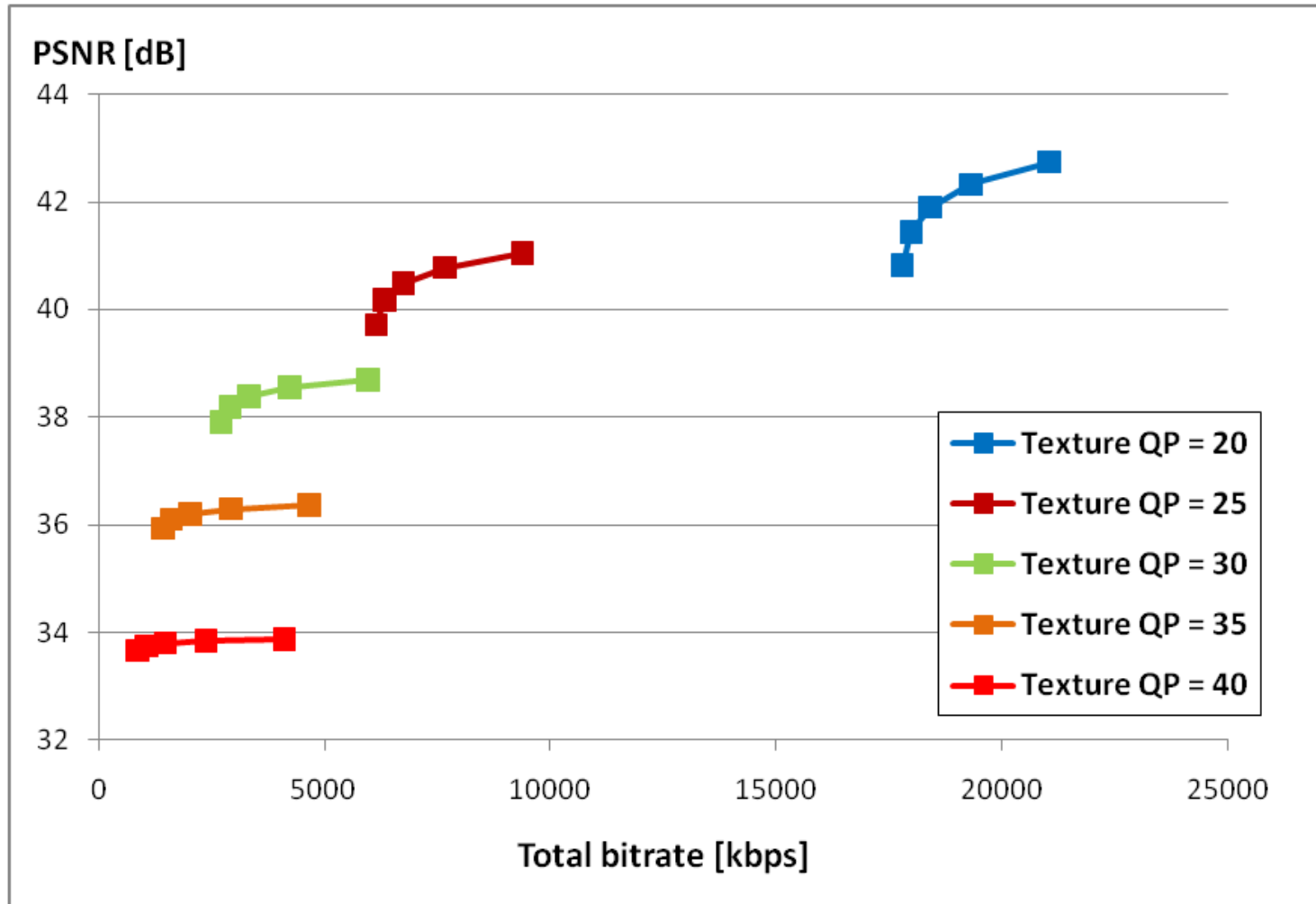
team supervisor: **Marek Domański**

Chair of Multimedia Telecommunications and Microelectronics
Poznań University of Technology, Poland

April, 2010, Dresden



EE 4





EE 4

- JMVM 5.0.6
- GOP length was set to 16
- Targeted bitrates 1.4, 2, 3.3, 6.7, 19.3 Mbps for 2 view case
- QP – Quantization index for views
- QD – Quantization index for depth maps



Quantization parameters

- Selected QP and QD indexes pairs which meet targeted bitrate

Bitrate	QP-QD pairs selected
1400 kbps	40-30
2000 kbps	35-30
3300 kbps	30-30
6700 kbps	25-30
19000 kbps	20-25



Summary

- The preliminary results show that for Poznan street sequence the required **bitrates are larger** than for other test sequences. That is due to the fact that the resolution is much higher and depth structure of the scene is complicated.
- Synthesized results will be shown during viewing session later in the week.