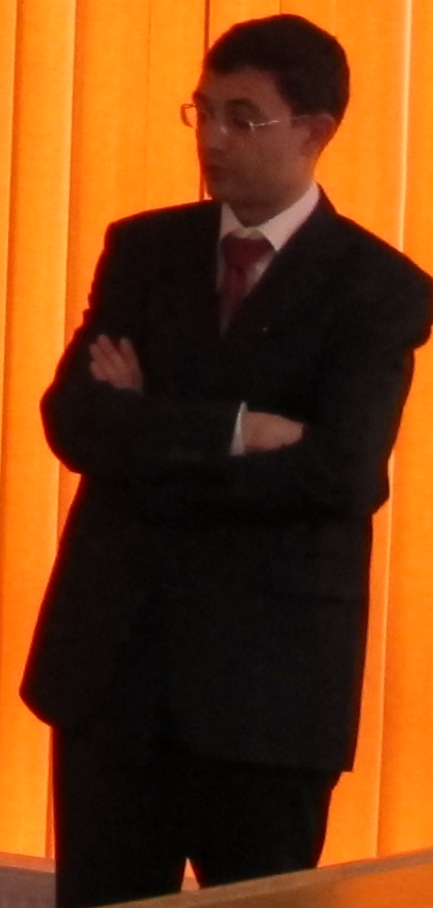
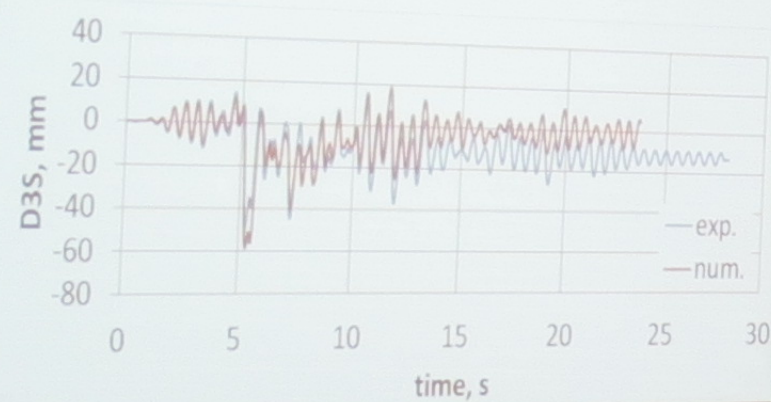






Significant Damage (SD) test

- $PGA=0.324g$
- No yielding outside links
- Moderate plastic def. in links (0.061 rad)
- Moderate cracks in slab







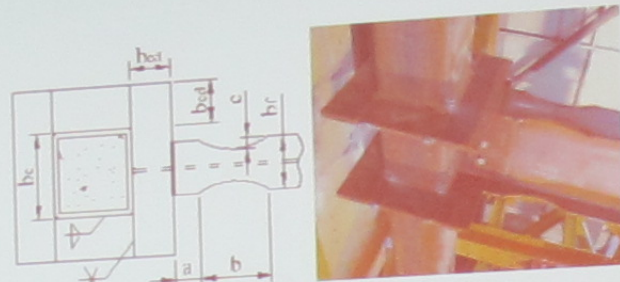




Beam to concrete-filled RHS column joints

▪ The RBS joint:

- reduced beam section to alleviate stresses in the connection;
- external diaphragm;
- weld access hole not required;
- shear tab bolted connection for erection only.



▪ The CP joint

- external diaphragm;
- cover plates reinforce the beam-column connection;
- no weld preparations are necessary for cover plates;
- shear tab bolted connection for erection only.

