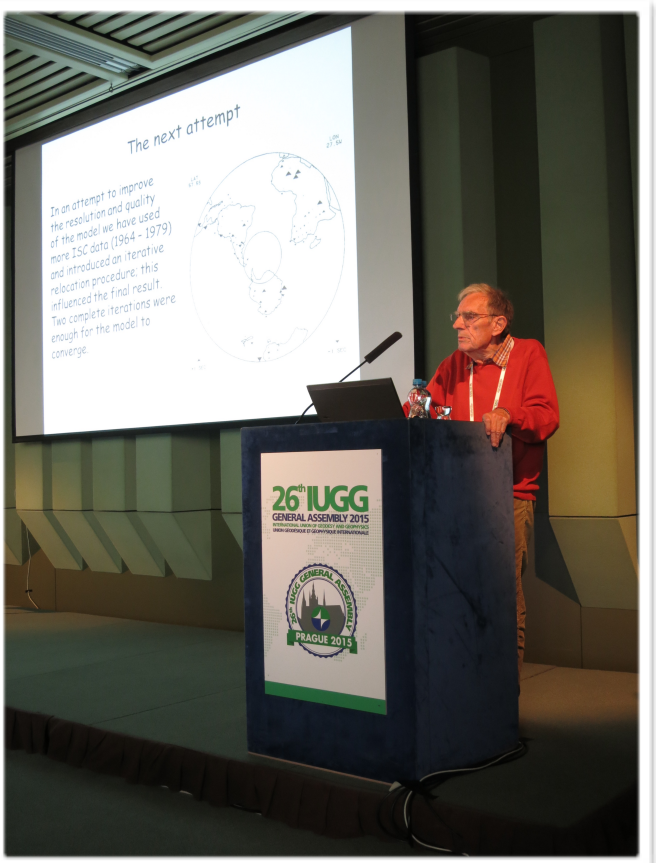
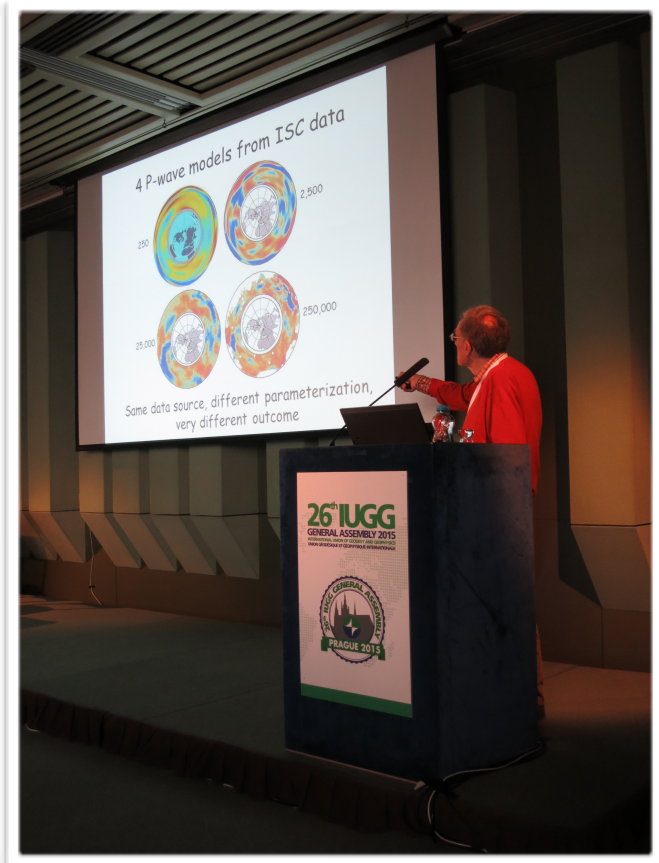
Prof. Adam Dziewonski

1936-2016

We are sad to learn of the death of the former ISC Governing Council and Executive Committee Chairman, Prof. Adam Dziewonski who oversaw the ISC operations and contributed to ISC success between 1991 and 2005. Adam was a top seismologist greatly regarded for the PREM model, Global CMT methodology and the foundation of seismic tomography. The last time we saw Adam was at the ISC-50 symposium in Prague in June 2015 when he delivered his invited presentation on the **Application of the ISC data to studies of Earth's 3-D structure** (Link). As always, Adam was happy to contribute towards the greater ISC.


The next attempt
In an attempt to improve the resolution and quality of the model we have used more ISC data (1964 - 1979) and introduced an iterative relocation procedure, this influenced the final result. Two complete iterations were enough for the model to converge.
26th IUGG
GENERAL ASSEMBLY 2015
PRAGUE 2015


4 P-wave models from ISC data
2,500
250
250,000
25,000
Same data source, different parameterization, very different outcome
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PRAGUE 2015

PKIKP – P exhibit a
tend to be faster than
this pattern may reflect
the P-velocity distribu-
ndary of the Earth.
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PRAGUE 2015