

CSP II optical spectroscopy Summary

Nidia Morrell, on behalf of the La Serena CSP team

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Telescopes/Instruments

- **C 100:** WFCCD, Boller & Chivens
- **Magellan II:** LDSS3, MagE
- **Magellan I:** IMACS

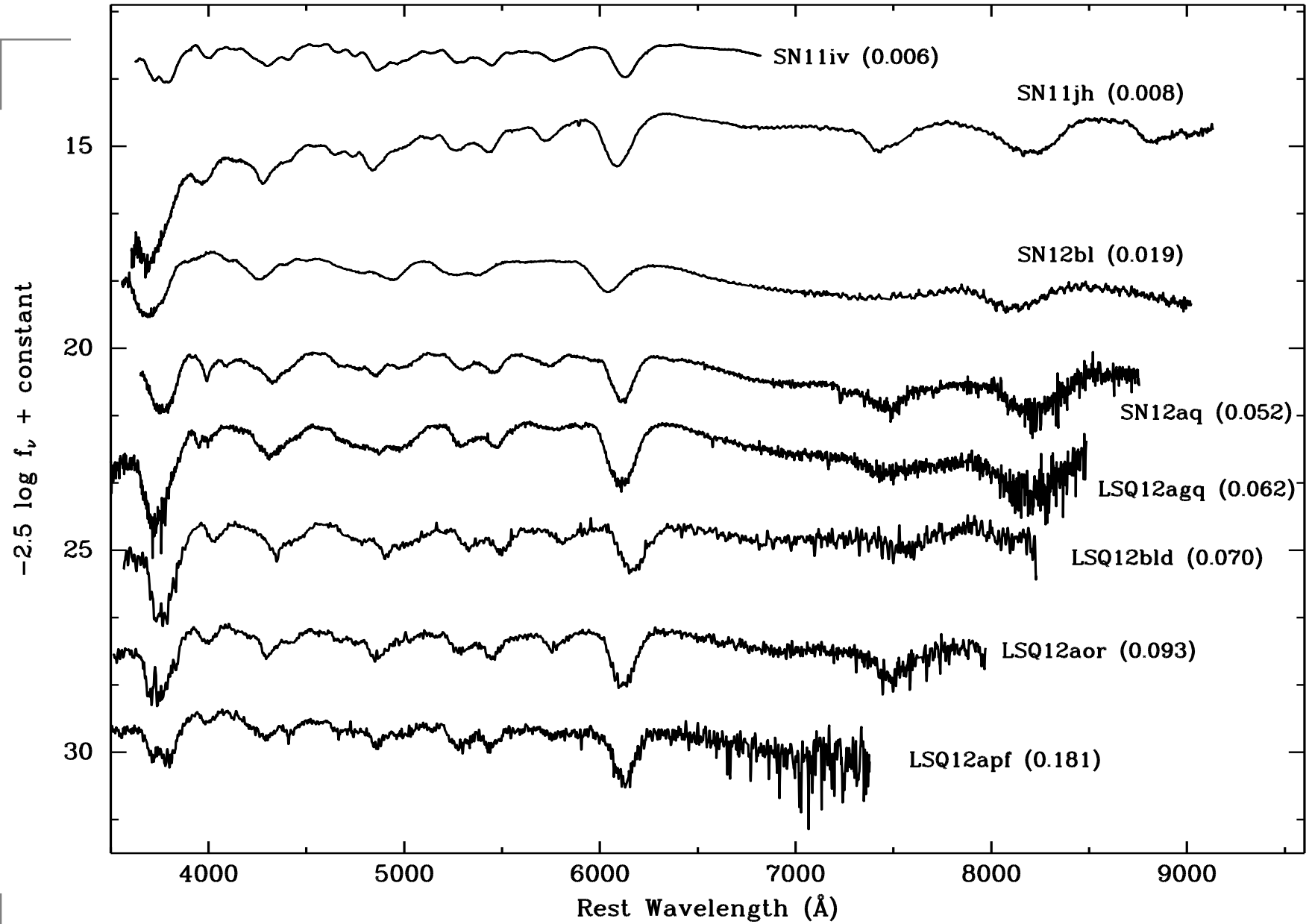
Additional spectra have been obtained at other facilities such as La Silla NTT (+EFOSC), Gemini-S (+GMOS), IAC-NOT (+ALFOSC), etc.

Some more data from du Pont come via collaborations with P. Lira, J. Prieto, B. Madore, G. Pignata, etc.

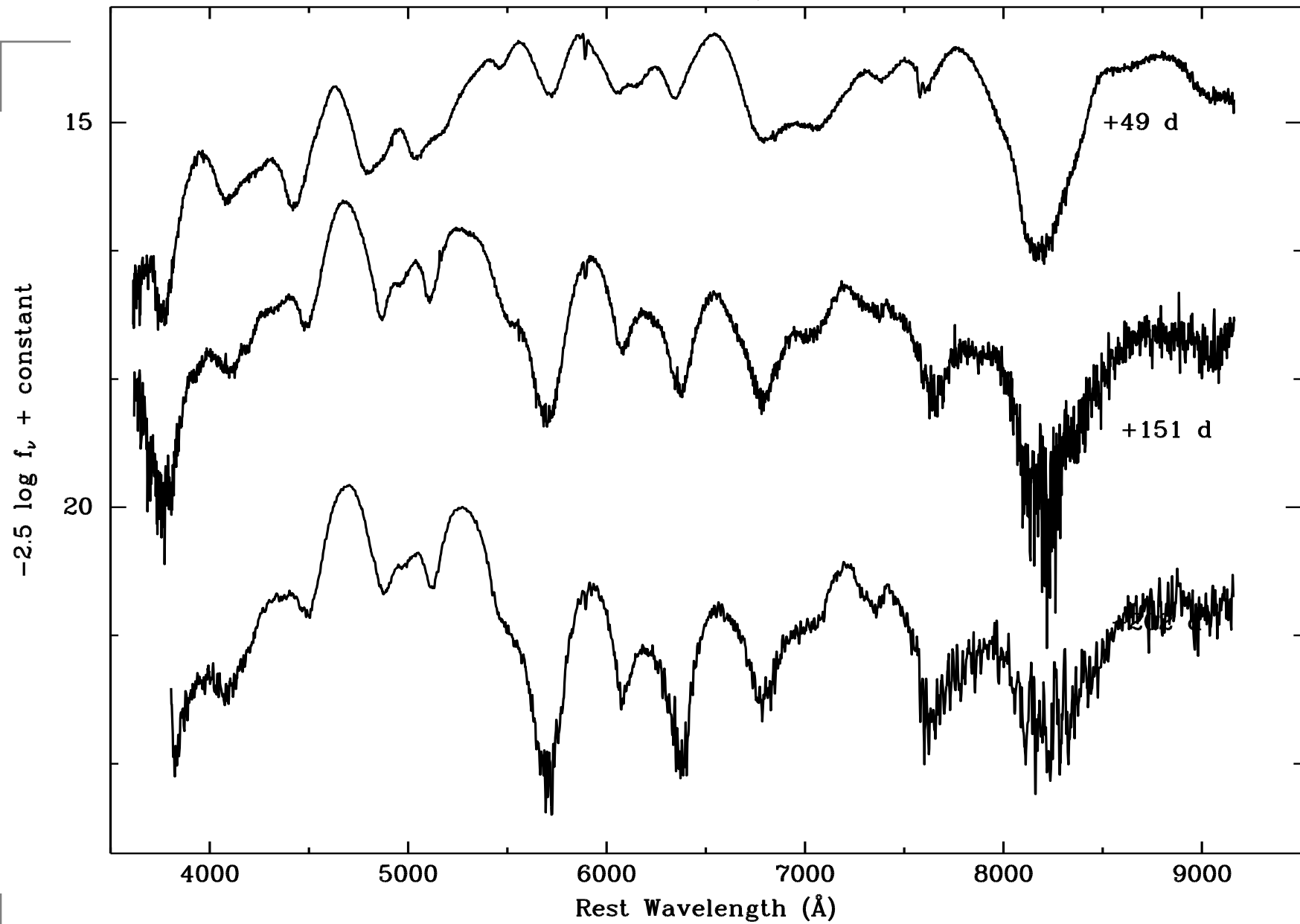
First CSP II campaign: Nov/11-Apr/12

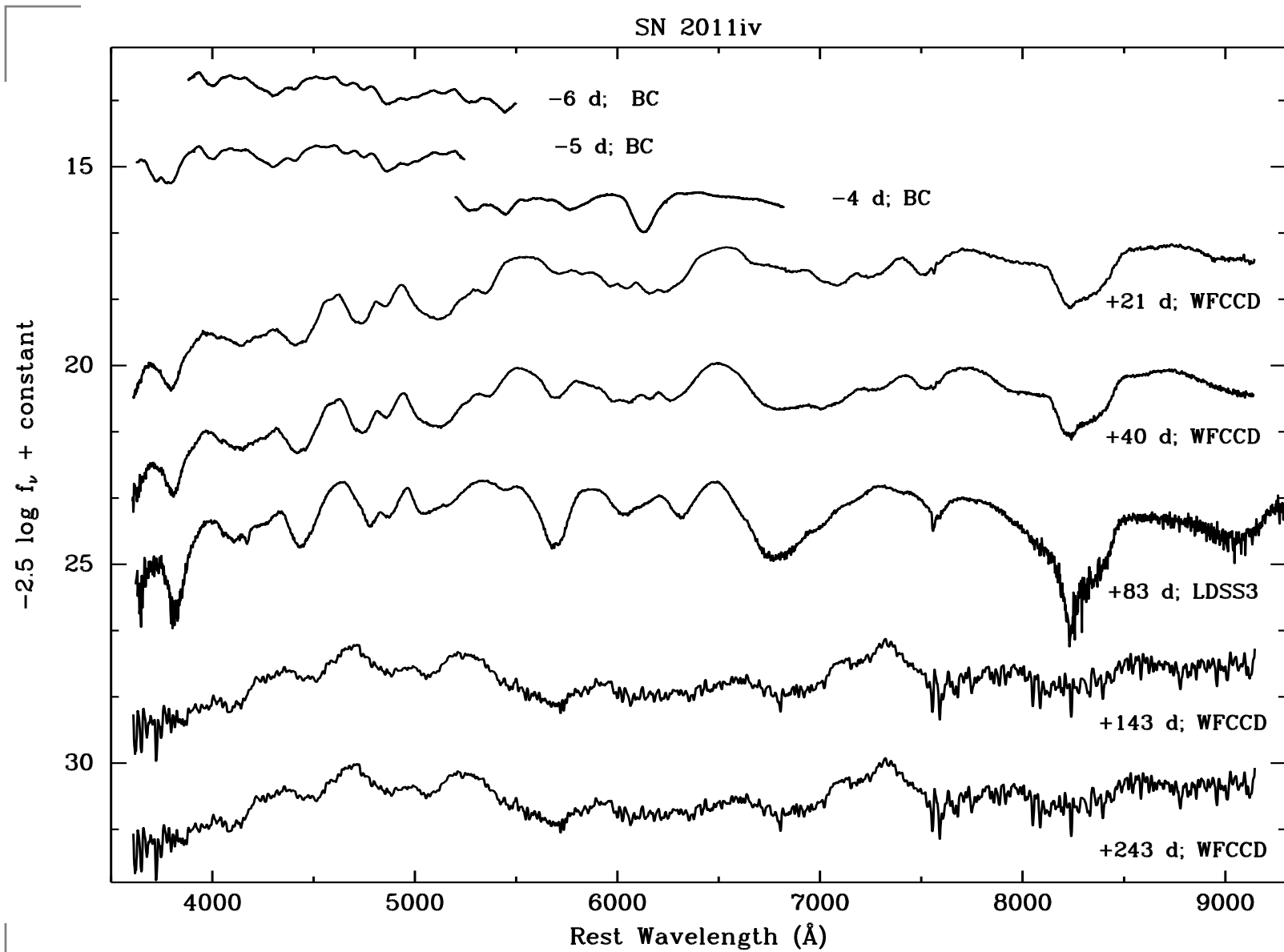
- **Observations:**
11 nights at the Du Pont (+WFCCD); 1 night at Clay (+LDSS3); 2 half nights used on Baade (+IMACS).
- **Results:**
97 spectra of 59 supernovae (21 type Ia CSP targets)
30 contributions to the CBET's, plus collaboration on 6 ATel's, totalizing ~ 40 classifications.
- **Reductions and data storage:**
Reductions are carried out with IRAF.
Final reduced spectra are available from CSP database.
Intermediate products storage TBD.

Type Ia SNe near maximum in order of increasing z



SN 2011iy





Comparison SN 2011iv - SN 2007on

