

# 1st RCM on Updating and Improving Nuclear Level Densities for Applications

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## Average spacing and total radiative widths of neutron resonances

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Average resonance spacing and total radiative widths derived from experimental data are key quantities used in many nuclear physics applications, including testing of level density models and normalization of many experiments. The previous compilation of average resonance spacing and radiative width was a part of the RIPL-3 IAEA project about 15 years ago. The way how the compilation was made is largely undocumented. The consultants meeting for this CRP recommended updating this database. Work towards updating the compilation will be presented.

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**Session Classification:** Discrete levels, Resonances (45' talks, 30' coffee)