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Winds in compact objects in the X-ray High Spectral Resolution era to come

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X-ray satellites like XRISM (to be launched in early 2023) and, in a more distant future, Athena (2030+), will revolutionize our spectral view of compact objects. Thanks to their onboard calorimeters, they will provide an energy resolution of a few eV in the broad band (~1-10 keV) X-ray range, a factor several tens of times better than present satellites, especially above 6 keV.

I will discuss the improvement expected from these instruments in our understanding of the wind properties in compact objects (XrB and AGN).

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