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From star-formation to recombination: expanding our view of the radio recombination line universe

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From Star-Formation to Recombination
Expanding our View of the
Radio Recombination Line Universe

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The front cover shows the central (170 pc) starburst of the nearby galaxy NGC 4945 in ALMA 93 GHz continuum. The emission primarily arises from free electrons in ionized gas; at 2 pc resolution, super star clusters appear as point like sources. The back cover shows diffuse ionized gas, as observed with LOFAR at 142 MHz, in an area of roughly $2^\circ \times 4^\circ$ in the Cygnus X star-forming region of the Milky Way.

To women and girls everywhere

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