Crowded pseudocompact Tychonoff spaces of cellularity at most the continuum are resolvable

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It was a problem established by Comfort and García-Ferreira if every crowded pseudocompact space must be resolvable. Remember that every Tychonoff pseudocompact space is Baire and the existence of a crowded Baire irresolvable space is equiconsistent with the existence of a measurable cardinal. In 2014 van Mill proved that every Tychonoff, crowded, pseudocompact c.c.c. space is $\mathfrak{c}$-resolvable. In this talk we will show that every Tychonoff, crowded, pseudocompact space with cellularity at most $\mathfrak{c}$ is resolvable.

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