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*From classical geometry to new constructions of bodies of constant width*

Bodies of constant width are geometric objects with incredible properties that have fascinated mathematicians from centuries; L. Euler for instance, studied them under the name of “orbiforms” from the Latin word circle-shaped curves. Their properties have not only contributed in generating great applications in the areas of engineering, design and art, but have also motivated the development of great mathematics with unimaginable possibilities that have relation with many interesting open questions.