Around the world of consecutively colourable digraphs

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A proper edge colouring of a graph such that the colours of edges incident with each vertex form an interval is called consecutive, and a graph for which there exists a consecutive colouring is said to be consecutively colourable.

In this talk we give a panoramic view of the results we have obtained for the generalization of the concept of consecutively colourable graph to the definition of consecutively colourable digraphs.

It is a joint work with Marta Borowiecka-Olszewska, Ewa Drgas-Burchardt and Nahid Javier.

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