

Ferenc Molnar:

Poster title:

'Distortion and control of precipitation patterns'

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Abstract:

In this poster we will show that the precipitation patterns could be controlled by the pH field. We have developed a new simple method to simulate the distortion of precipitation fronts. The simulated results are in a good accordance with the experimental ones. This distortion can be practical for microtechnological applications of reaction-diffusion systems. Therefore, the experimental technique and simulation are essential to understand this phenomenon.