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Give me absolute control over every......

I've seen the future..., paraphrasing Leonard Cohen. But, in mathematics, Control Theory is not dead. From Linear Algebra to Theory of Numbers, from Complex to Functional Analysis, when controlling a partial differential equation you never know which area of mathematics you will use to achieve your objective. In this conference, I will try to present a panoramic on the subject illustrating some of the techniques employed in this fascinating growing area that has interest for theoretical and applied mathematicians.