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William G. Fleissner* (fleissn@ku.edu). *Baire, Čech-complete, and Subcompact Spaces*. Preliminary report.

Starting with the Baire category theorem, the talk will continue to topologically complete spaces, Čech-complete spaces, and subcompact spaces. The conclusion is that the following questions are natural and interesting.

Are Čech-complete spaces subcompact? More generally, are G_δ subspaces of subcompact spaces subcompact? (Received September 18, 2017)