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Jonas T Hartwig and **Erich C Jauch*** (jauchec@uwec.edu). *On related standard flag orders*. Preliminary report.

Standard flag orders, defined by Webster in 2019, form a new perspective on principal Galois orders developed by Futorny, Ovsienko, Hartwig, and others. They are related to nil-Hecke algebras, the enveloping algebra of \mathfrak{gl}_n , and others. This talk with focus on relations between standard flag orders with related groups and the standard flag order related to $U(\mathfrak{gl}_n)$. This is joint-work with Jonas Hartwig. (Received January 18, 2021)