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**Juergen Kritschgau\***, Jkritsch@iastate.edu, and **Abhishek Methuku, Michael Tait** and **Craig Timmons**. *Generalized Saturation Problems*.

A graph  $G$  is  $F$ -saturated if  $G$  is  $F$ -free and the addition of any non-edge to  $G$  creates a copy of  $F$ . Generalized saturation problems consider minimizing the number of copies of some graph  $H$  in an  $F$ -saturated graph on  $n$  vertices. This talk will discuss some results and open problems in generalized saturation. (Received August 31, 2020)