

**Ultrafast Flow Chemistry for the Acid-Catalyzed Conversion
of Fructose**

Journal:	<i>Energy & Environmental Science</i>
Manuscript ID	EE-ART-04-2019-001189.R1
Article Type:	Paper
Date Submitted by the Author:	20-May-2019
Complete List of Authors:	Desir, Pierre; Univ. of Delaware, Chemical and Biomolecular Engineering; Catalysis Center for Energy Innovation Saha, Basudeb; University of Delaware, Catalysis Center for Energy Innovation; Vlachos, Dion; Univ. of Delaware,
Note: The following files were submitted by the author for peer review, but cannot be converted to PDF. You must view these files (e.g. movies) online.	
Desir et al-EES19-Ultrafast Flow Chemistry for the Acid-Catalyzed Conversion of Fructose-MS.docx	

Table of Contents Entry

Ultrafast Flow Chemistry for the Acid-Catalyzed Conversion of Fructose

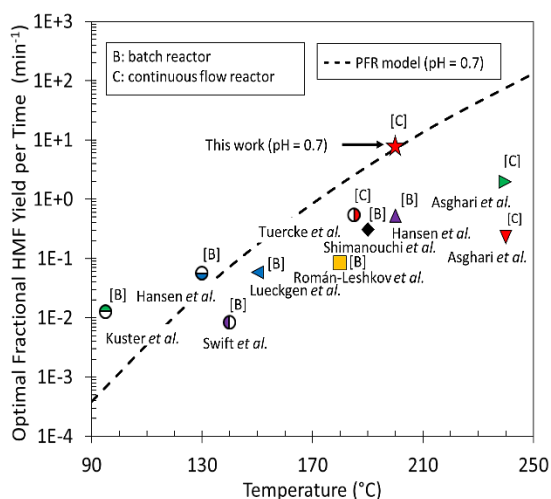
Pierre Desir^{a,b}, Basudeb Saha^b, and Dionisios G. Vlachos^{a,b,*}

^a*Department of Chemical and Biomolecular Engineering, University of Delaware, 150 Academy Street, Newark, Delaware 19716, United States*

^b*Catalysis Center for Energy Innovation, 221 Academy Street, Newark, Delaware 19716, United States*

*Corresponding author

Email address: vlachos@udel.edu (D.G. Vlachos)



Microreactors enable the highest yields of HMF at ultrashort reaction times to increase HMF productivity by 10- to 1000-fold.