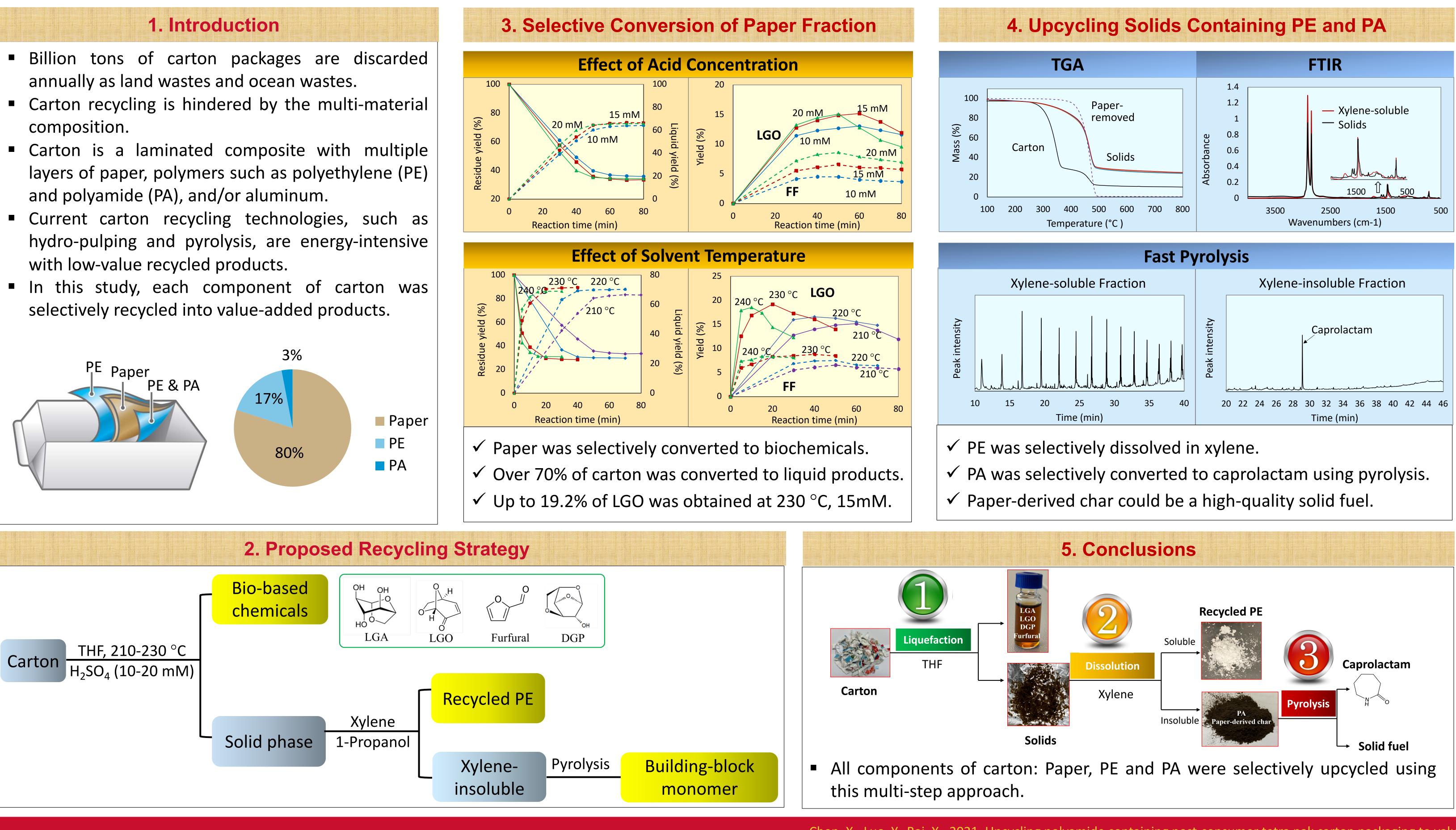
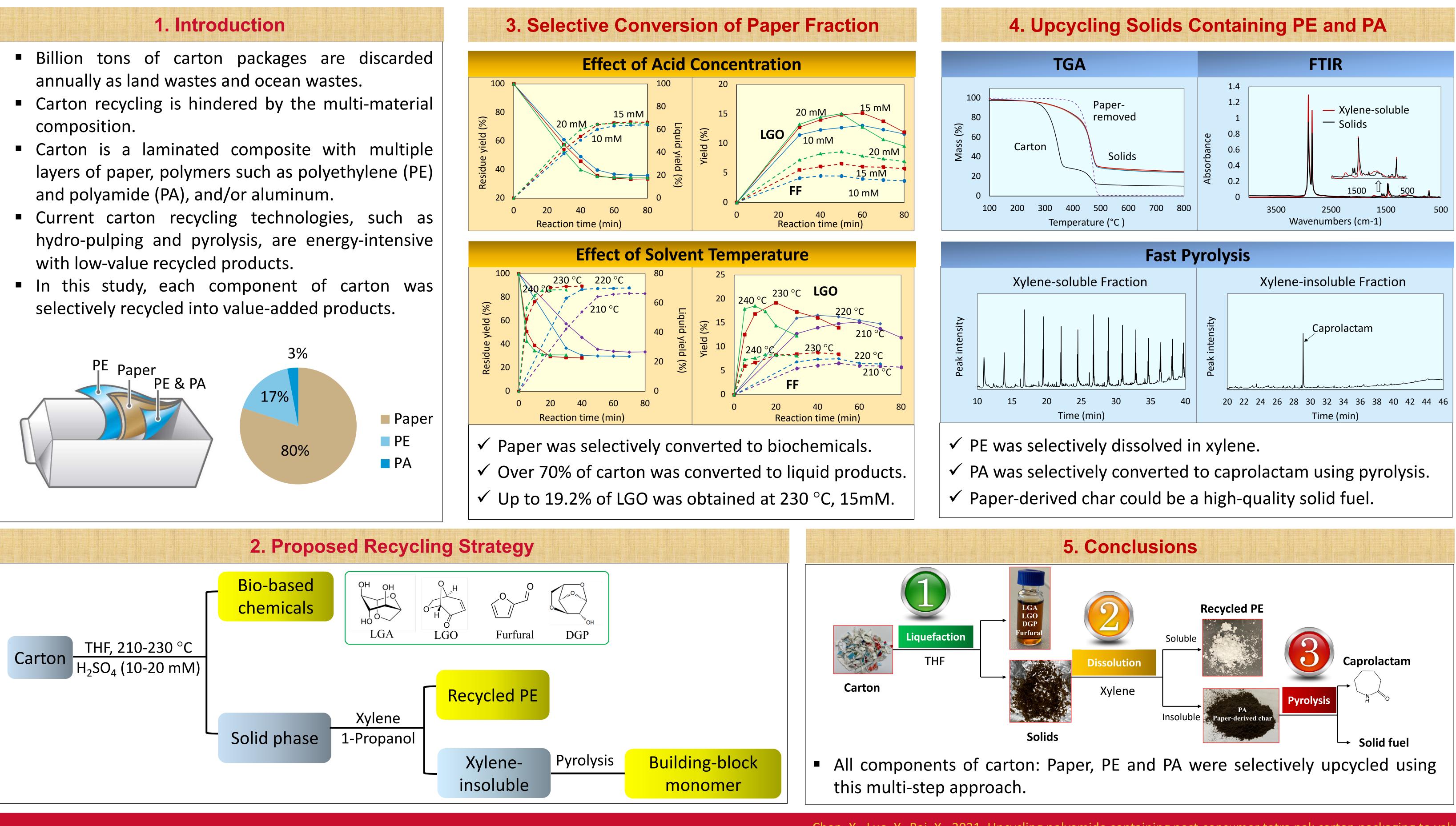


UPCYCLING CARTON PACKAGES TO VALUABLE PRODUCTS

Xiaolin Chen, Xianglan Bai* Department of Mechanical Engineering, Iowa State University, Ames, Iowa 50011, USA

- annually as land wastes and ocean wastes.
- composition.
- layers of paper, polymers such as polyethylene (PE) and polyamide (PA), and/or aluminum.
- with low-value recycled products.
- selectively recycled into value-added products.





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Chen, X., Luo, Y., Bai, X., 2021. Upcycling polyamide containing post-consumer tetra pak carton packaging to valuable chemicals and recyclable polymer. Waste Management 131, 423–432. doi:10.1016/j.wasman.2021.06.031

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