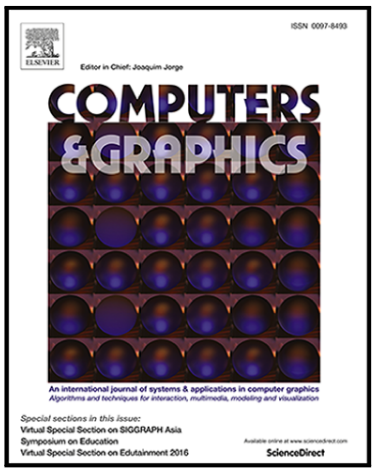
Accepted Manuscript



Personalized Food Printing for Portrait Images

Haiming Zhao, Jufeng Wang, Xiaoyu Ren, Jingyuan Li,
Yong-Liang Yang, Xiaogang Jin

PII: S0097-8493(17)30105-X
DOI: 10.1016/j.cag.2017.07.012
Reference: CAG 2820

To appear in: *Computers & Graphics*

Received date: 15 June 2017
Revised date: 10 July 2017
Accepted date: 10 July 2017

Please cite this article as: Haiming Zhao, Jufeng Wang, Xiaoyu Ren, Jingyuan Li, Yong-Liang Yang, Xiaogang Jin, Personalized Food Printing for Portrait Images, *Computers & Graphics* (2017), doi: 10.1016/j.cag.2017.07.012

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Highlights

- We present a novel personalized food printing framework driven by portrait images.
- We apply image abstraction techniques to extract salient image features.
- Robust face detection and sketch synthesis are optionally involved to enhance face features for portrait images.
- We present a novel path optimization algorithm to generate printing path for efficient and feature preserving food printing.

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/6876866

Download Persian Version:

https://daneshyari.com/article/6876866

Daneshyari.com