A correction:

This congratulatory message goes out to Mr. Prasannabalaji Sundaram (PhD/AE), Prof Swagata Bhaumik (Alumnus/PhD/AE) and Prof. Tapan Sengupta.

Prof. Sengupta informs me that Mr. Prasannabalaji Sundaram is the prime mover of this research, and that he has worked under the mentorship of Profs. Bhaumik and Sengupta.

My apologies to Mr. Prasannabalaji Sundaram for missing out on his name in the earlier announcement appended below. I wish him many more achievements in days to come.

Achla

-------- Forwarded Message --------
Subject: Fwd: Fwd: Congratulations - your article POF18-AR-01924R1 has been chosen as a Featured Article
Date: Wed, 19 Dec 2018 06:10:50 +0530
From: Dean of Academic Affairs <doaa@iitk.ac.in>
To: all@lists.iitk.ac.in
CC: Atul Singh <atuls@iitk.ac.in>

Congratulations to Prof. Swagata Bhaumik (PhD/AE/2013) and his mentor Prof. Tapan Sengupta!

Wishing the team many more honours in future,
Achla

-------- Forwarded Message --------
Subject: Fwd: Congratulations - your article POF18-AR-01924R1 has been chosen as a Featured Article
Date: Tue, 18 Dec 2018 21:04:15 +0530
From: Tapan K. Sengupta <tksen@iitk.ac.in>
Reply-To: tksen@iitk.ac.in
To: doaa@iitk.ac.in

Dear Professor Raina,

If it is worthy, then the following can be forwarded about a paper on TSUNAMI, that did not happen in January 2018! The first author is the PhD scholar in HPCL, Aerospace Engineering. Prof. Bhaumik is a faculty at IIT Jammu.

Best regards,
Tapan Sengupta

---------- Forwarded message ---------
From: <pof-edoffice@aip.org>
Date: Wed, Dec 5, 2018 at 10:31 AM
Subject: Congratulations - your article POF18-AR-01924R1 has been chosen as a Featured Article

Regarding:
The three-dimensional impulse response of a boundary layer to different

types of wall excitation -- Prasannabalaji Sundaram*, T. K. Sengupta, Swagata Bhaumik (POF18-AR-01924R1)

Dear Dr. Bhaumik,

Congratulations on your recently accepted article in Physics of Fluids! The Editors felt that your article was one of the journal's best, and have chosen to promote it as a *Featured Article*. Once published, your paper will be displayed prominently on the journal's homepage and will be identified with an icon next to the article title.

Sometimes we post author summaries of research on our social media platforms. If you wish to be considered, please respond directly to this email *within the next two weeks* and provide us with a summary of your article *(maximum of 200 characters)*.

Best regards,
The Editors of Physics of Fluids

%---
A brief summary:

On 23rd January 2018, a 7.9 Mw earthquake occurred in the Gulf of Alaska due to a strike-slip fault within the Pacific-Plate (earth block shifts horizontally). Various independent witnesses reported that the earthquake was very long in duration and did not create any significant tsunami despite its magnitude. The epicenter of this earthquake was located close to the epicenter of the 1964 Great Alaska earthquake, which resulted in a massive tsunami and heavy damage, especially in Anchorage. Compared to the former, the latter was a subduction zone (mega-thrust) earthquake, caused by an oceanic plate sinking under a continental plate due to a dip-slip fault (earth block shifts vertically). Here, we report the response of wall-bounded shear layer subjected to space-time localized excitation of same strength with dip-slip and strike-slip events at the boundary. Even though the characteristics of the oceanic boundary layer and the wall-bounded shear layer are very different, we show that initial events and the evolution of the resultant wave-packet bears a close resemblance with physical mechanism for the creation of tsunami, implying the different response in both the earthquakes is related to the fundamental aspect of receptivity of the fluid flow.
%-----------------

--
Professor,
High Performance Computing Laboratory
Department of Aerospace Engineering
Indian Institute of Technology Kanpur
KANPUR 208 016

HPCL and personal web-site: http://spectral.iitk.ac.in
--