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Dynamics

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**Quantitative  
analysis  
of the  
dripping  
and  
jetting  
regimes  
in co-  
flowing  
capillary**

# jets

María Luisa

Cordero,

François

Gallaire, Charles

N. Baroud

*(Submitted on 10  
Nov 2010)*

We  
study a  
liquid jet  
that  
breaks  
up into  
drops in  
an  
external  
co-  
flowing  
liquid  
inside a  
confining  
microfluidic  
geometry.  
The jet  
breakup  
can  
occur  
right  
after the  
nozzle in  
a

phenomenon