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Nibbling Tears of Wine JEFF ARISTOFF, JOHN BUSH,
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rich solution is known to climb upwards due to an evaporation-induced
Marangoni stress, thus initiating the tears of wine phenomenon. Rather
than merging directly, the tears may bob up and down when they make
contact with the underlying reservoir, appearing to nibble at its edge.
We present a qualitative description of this flow and propose a simple
theoretical model for this behavior. We thus rationalize the observed
dependence of the nibbling frequency on the system parameters.

- Prefer Oral Session
 Prefer Poster Session

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