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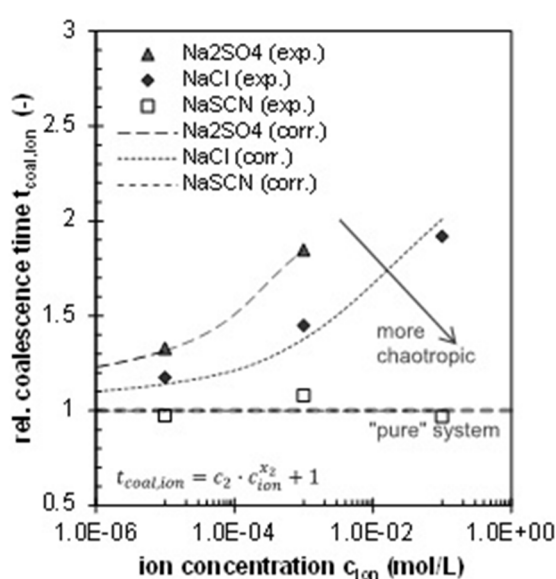
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Detailed analysis of single drop coalescence - Influence of ions on film drainage and coalescence time

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Graphical abstract



Highlights:

- Reproducible and standardized single droplet investigations was performed.
- Detailed description of the ionic influence on droplet coalescence and film drainage time.
- First approach for a coalescence time prediction based on fundamental single droplet experiments.

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