

Mießner, U., Helmers, T., Lindken, R. et al.,
**μPIV Measurement of the 3D velocity
distribution of Taylor droplets moving in a
square horizontal channel**, Exp Fluids
(2020), Springer.

Supplementary Material A

- *Moving frame of reference*
- *3D2C Vector field representation*
- *Streamline representation*
- *Color coding: streamwise velocity $(U-u_d)/u_d$*



Ulrich Mießner
University of Bremen
Department of Environmental Process Engineering (UVT)
Leobener Str. 6
D-28359 Bremen
Germany
Tel.: +49-421-218-63333
Fax: +49-421-218-98 63333
email: miessner@uvt.uni-bremen.de

Thorben Helmers
University of Bremen
Department of Environmental Process Engineering (UVT)
Germany

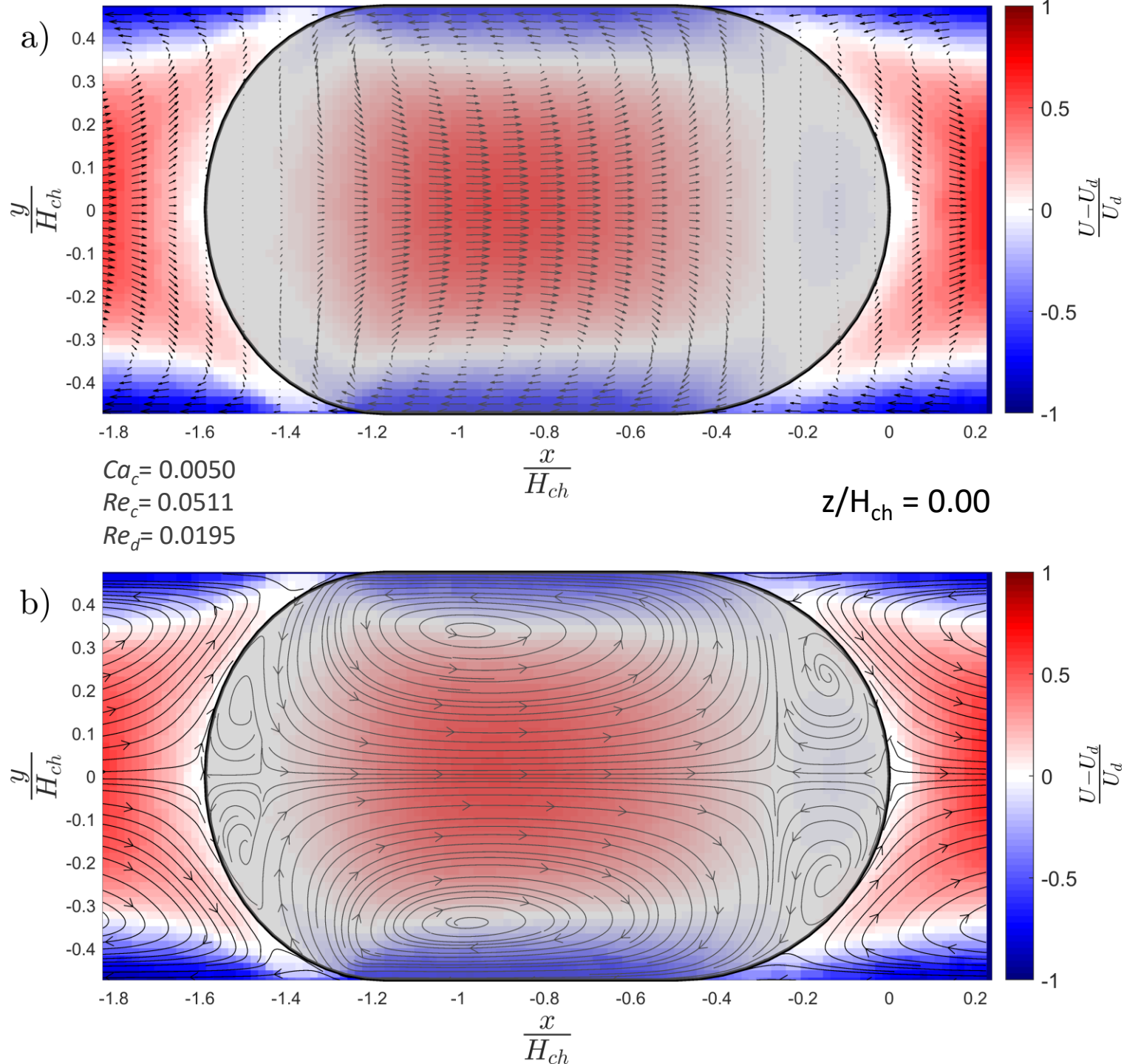


Ralph Lindken
Bochum University of Applied Sciences
Thermo- and Fluidynamics
Germany

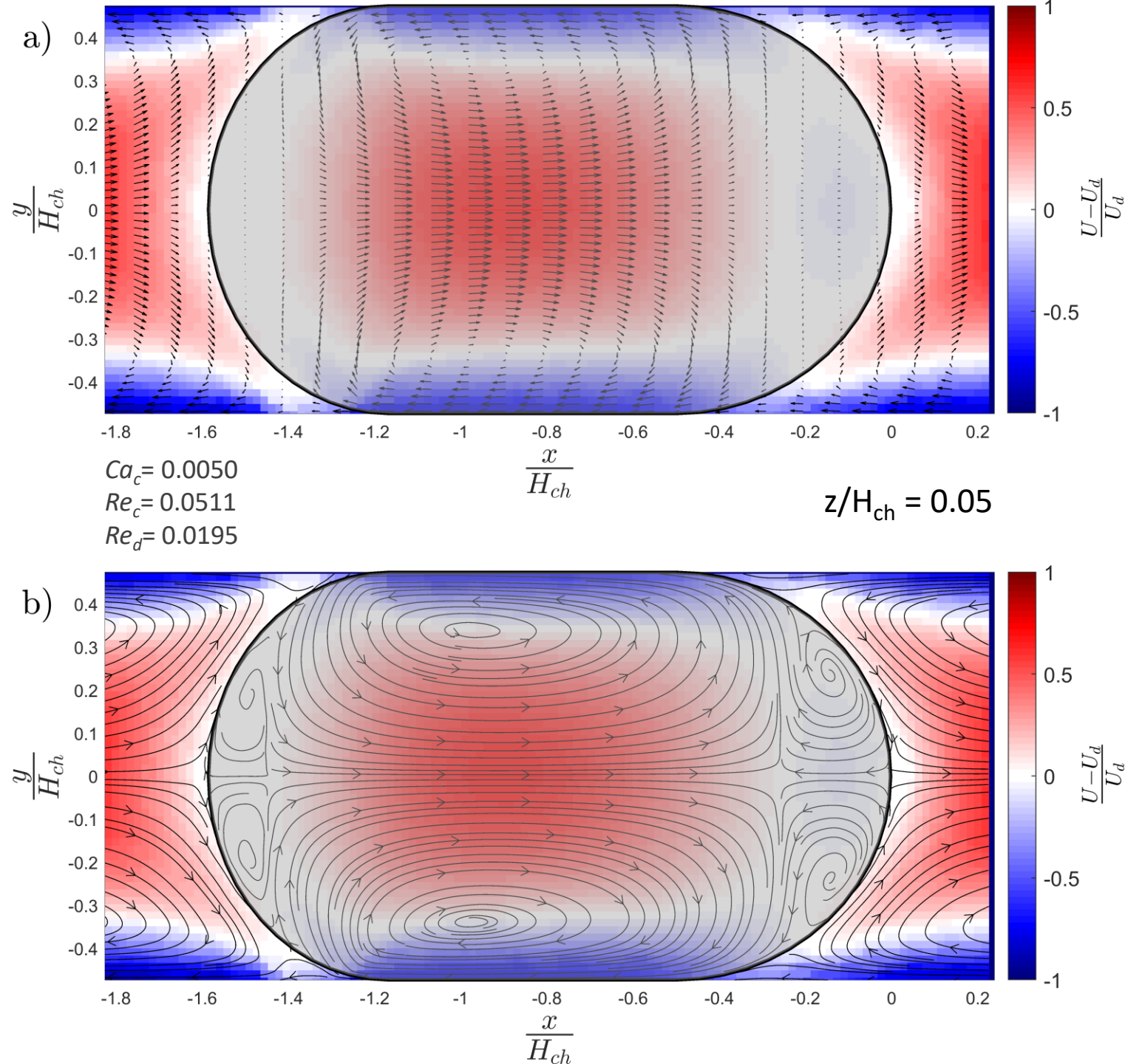


Jerry Westerweel
Delft University of Technology
Laboratory of Aero- and Hydrodynamics (AHD)
Netherlands

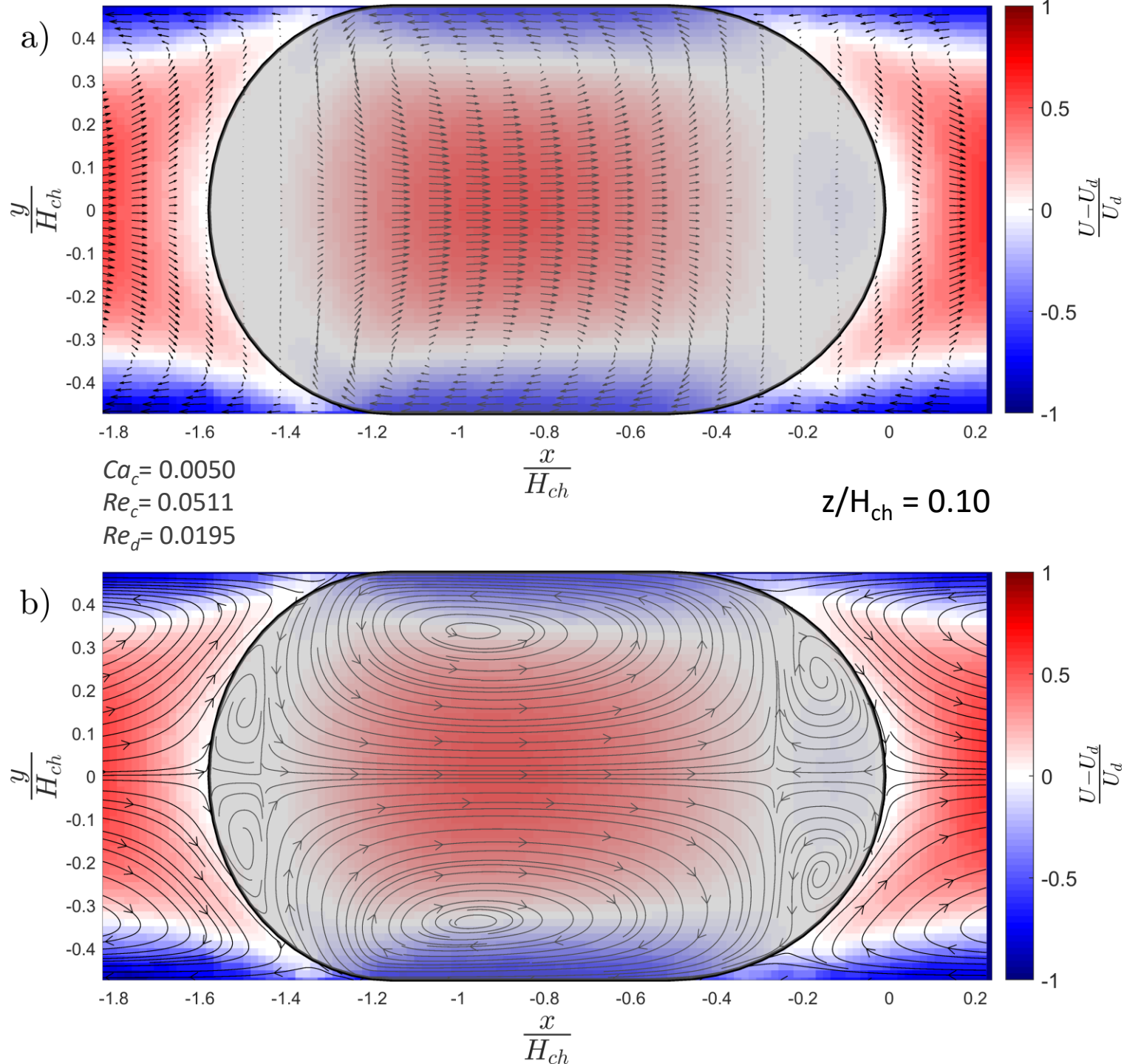
Mießner, U., Helmers, T., Lindken, R. et al.,
**μPIV Measurement of the 3D velocity
distribution of Taylor droplets moving in a
square horizontal channel**, Exp Fluids
(2020), Springer.



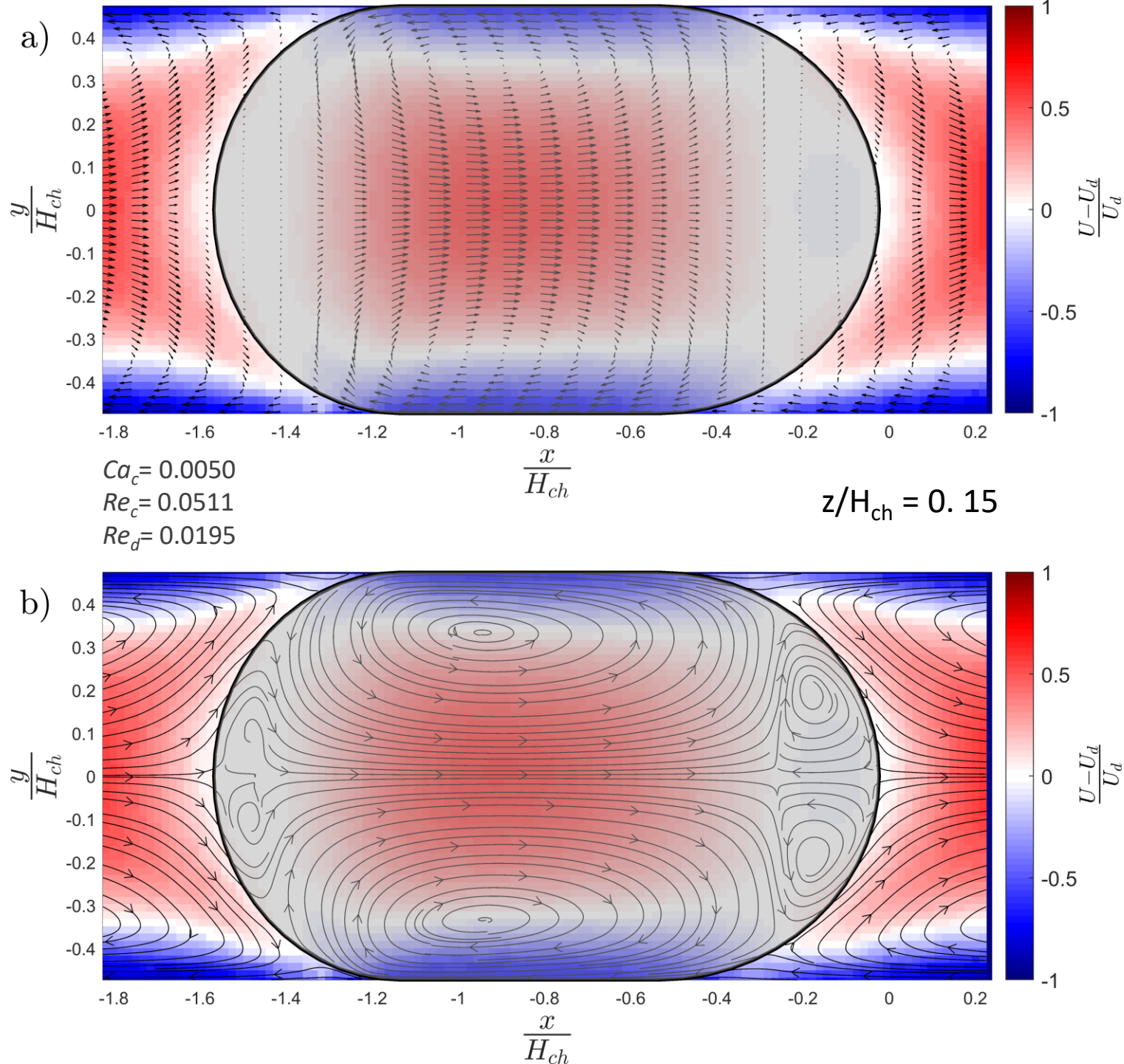
Mießner, U., Helmers, T., Lindken, R. et al.,
**μPIV Measurement of the 3D velocity
distribution of Taylor droplets moving in a
square horizontal channel**, Exp Fluids
(2020), Springer.



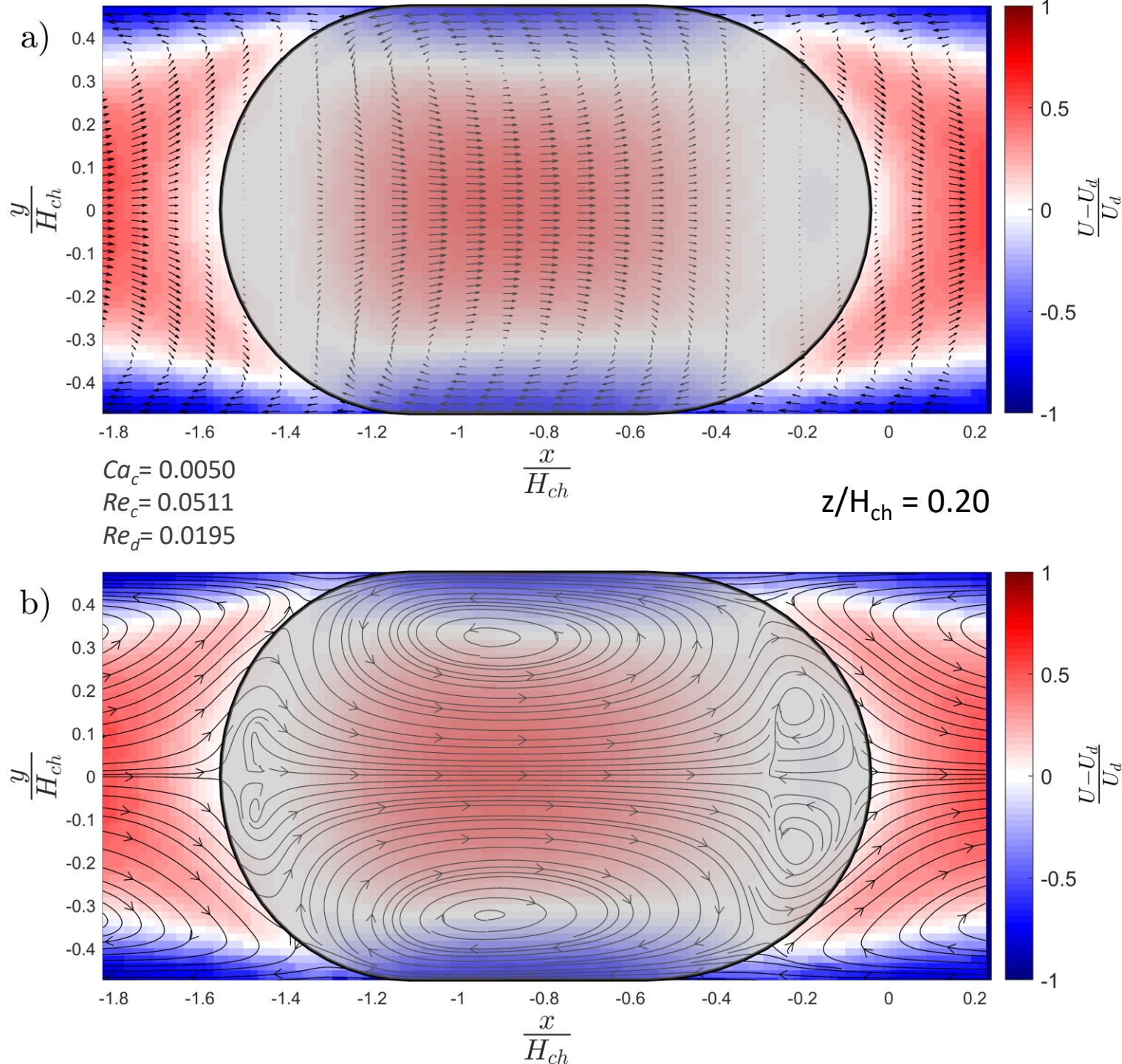
Mießner, U., Helmers, T., Lindken, R. et al.,
**μPIV Measurement of the 3D velocity
distribution of Taylor droplets moving in a
square horizontal channel**, Exp Fluids
(2020), Springer.



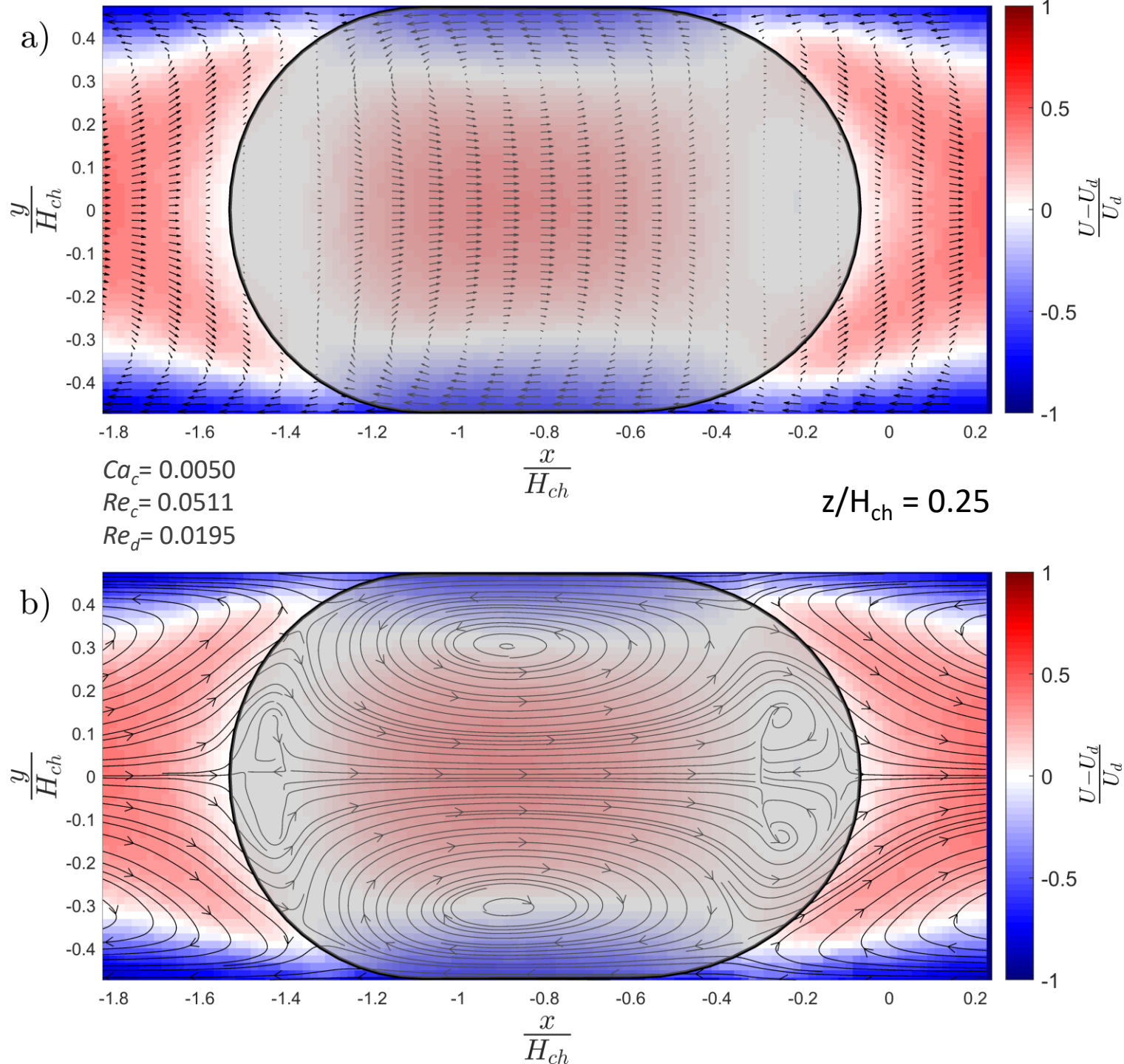
Mießner, U., Helmers, T., Lindken, R. et al.,
**μPIV Measurement of the 3D velocity
distribution of Taylor droplets moving in a
square horizontal channel**, Exp Fluids
(2020), Springer.



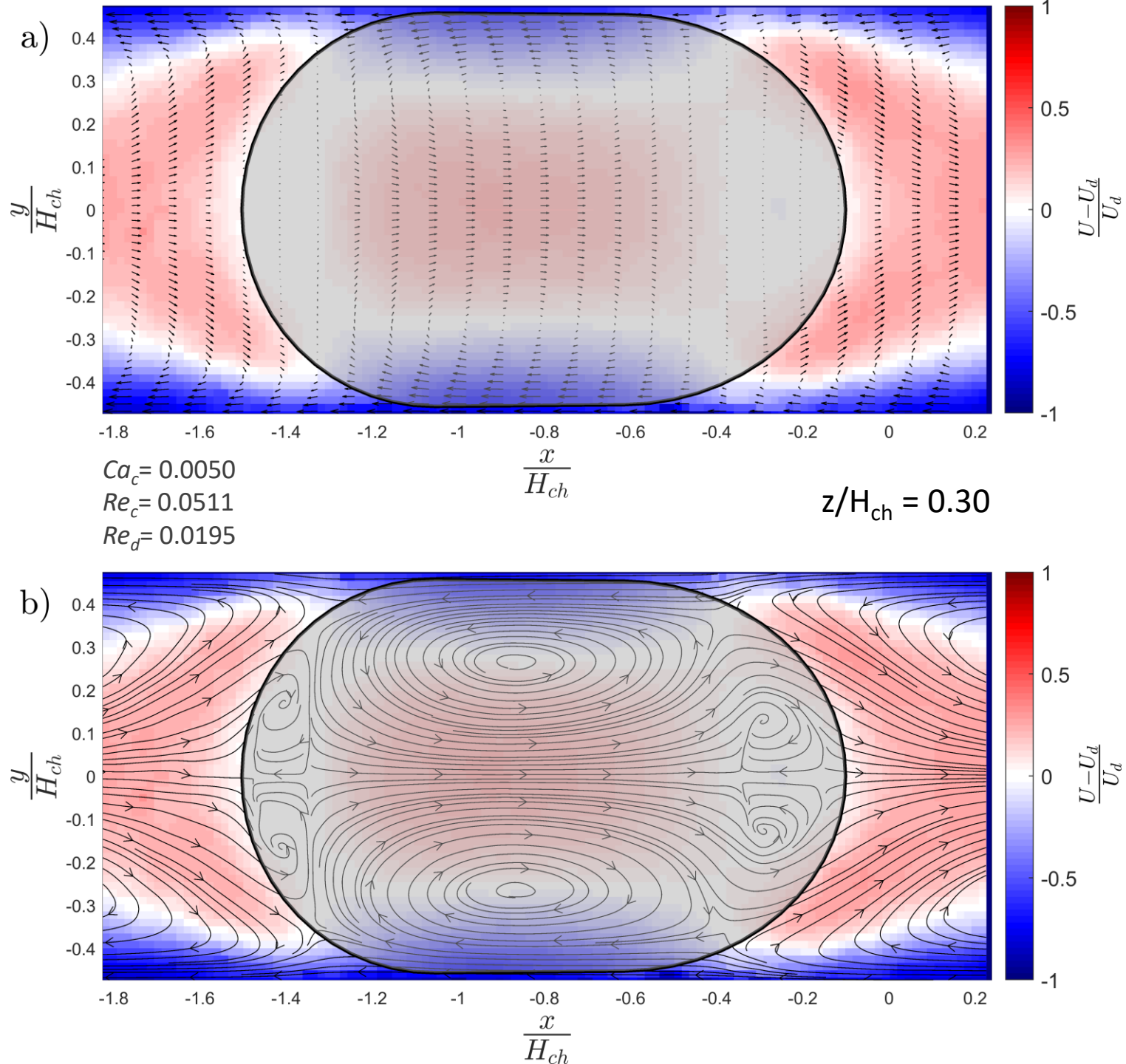
Mießner, U., Helmers, T., Lindken, R. et al.,
**μPIV Measurement of the 3D velocity
distribution of Taylor droplets moving in a
square horizontal channel**, Exp Fluids
(2020), Springer.



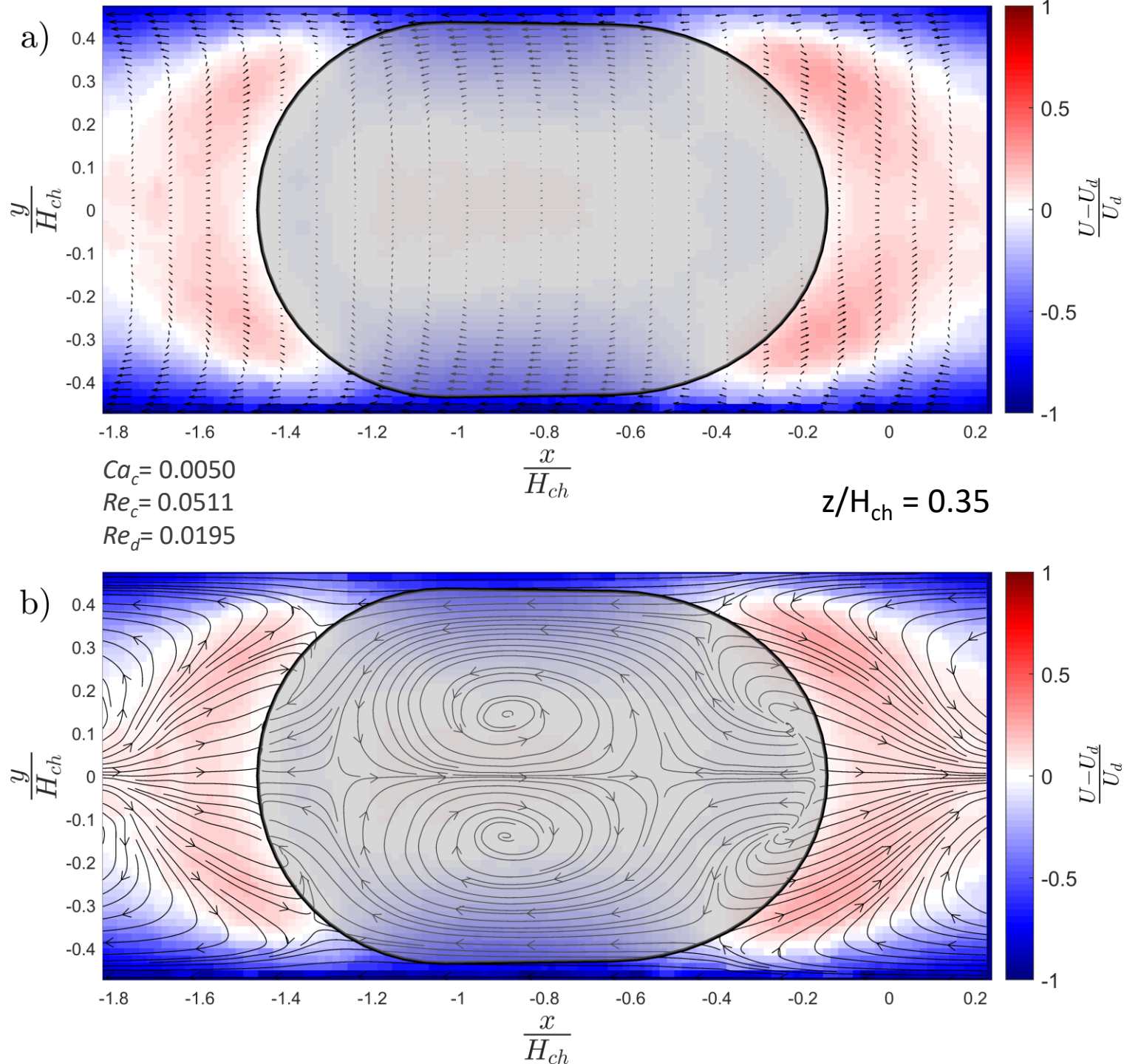
Mießner, U., Helmers, T., Lindken, R. et al.,
**μPIV Measurement of the 3D velocity
distribution of Taylor droplets moving in a
square horizontal channel**, Exp Fluids
(2020), Springer.



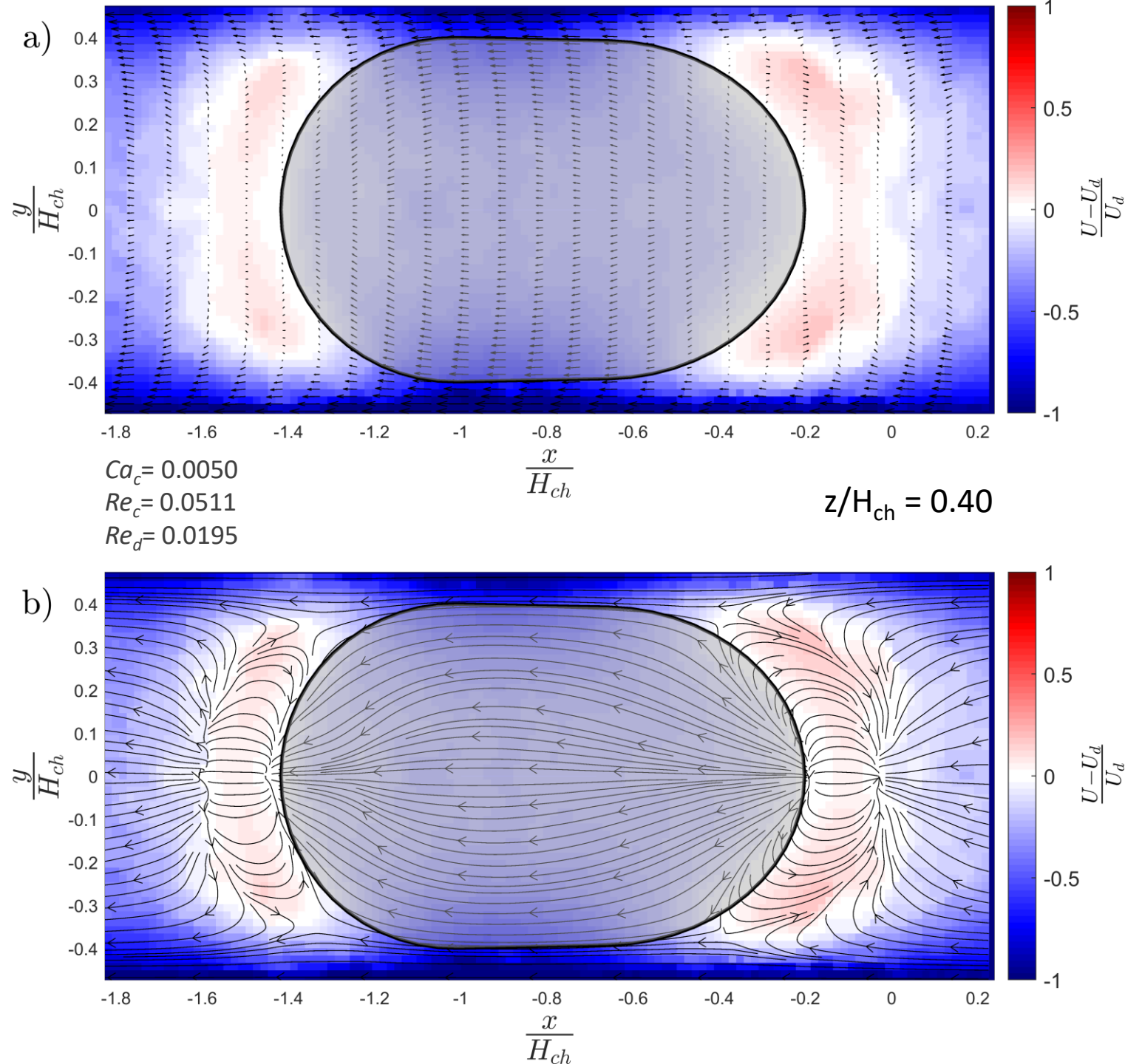
Mießner, U., Helmers, T., Lindken, R. et al.,
**μPIV Measurement of the 3D velocity
distribution of Taylor droplets moving in a
square horizontal channel**, Exp Fluids
(2020), Springer.



Mießner, U., Helmers, T., Lindken, R. et al.,
**μPIV Measurement of the 3D velocity
distribution of Taylor droplets moving in a
square horizontal channel**, Exp Fluids
(2020), Springer.



Mießner, U., Helmers, T., Lindken, R. et al.,
**μPIV Measurement of the 3D velocity
distribution of Taylor droplets moving in a
square horizontal channel**, Exp Fluids
(2020), Springer.



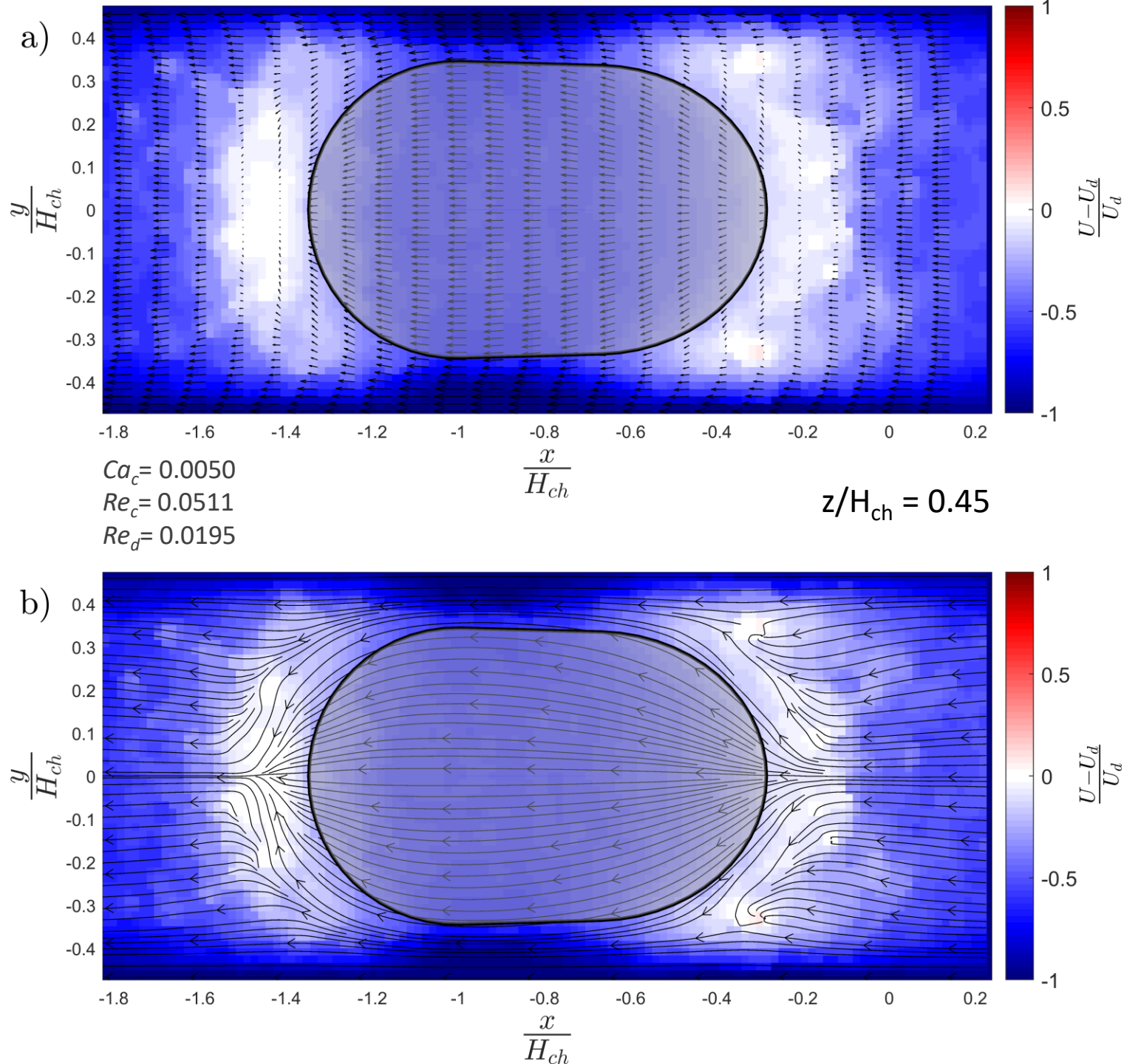
 Universität Bremen

 UVT

 Hochschule Bochum
Bochum University
of Applied Sciences 

 TU Delft
Micro  Ned

Mießner, U., Helmers, T., Lindken, R. et al.,
**μPIV Measurement of the 3D velocity
distribution of Taylor droplets moving in a
square horizontal channel**, Exp Fluids
(2020), Springer.



Mießner, U., Helmers, T., Lindken, R. et al.,
**μPIV Measurement of the 3D velocity
distribution of Taylor droplets moving in a
square horizontal channel**, Exp Fluids
(2020), Springer.

