Jasper, S., Hussong, J., Lindken, R.,
PIV-Investigation of high-Reynoldsnumber submerged
water jets at high pressure ambient conditions
Exp Fluids (2021), Springer.

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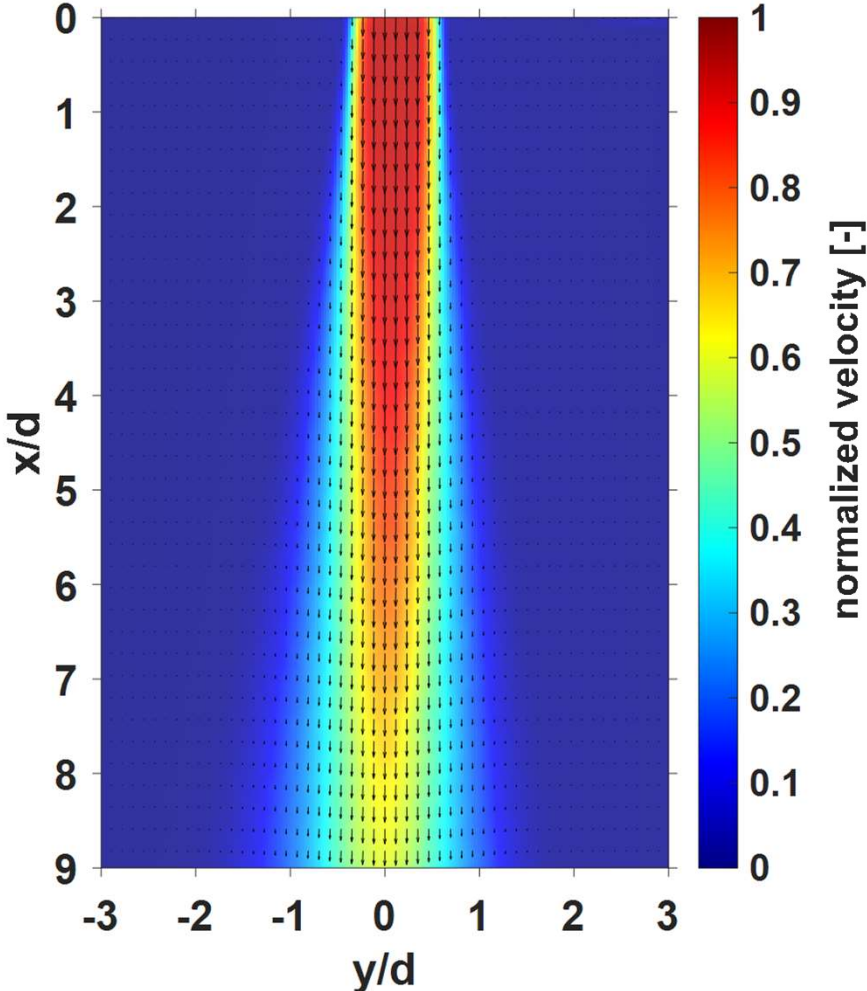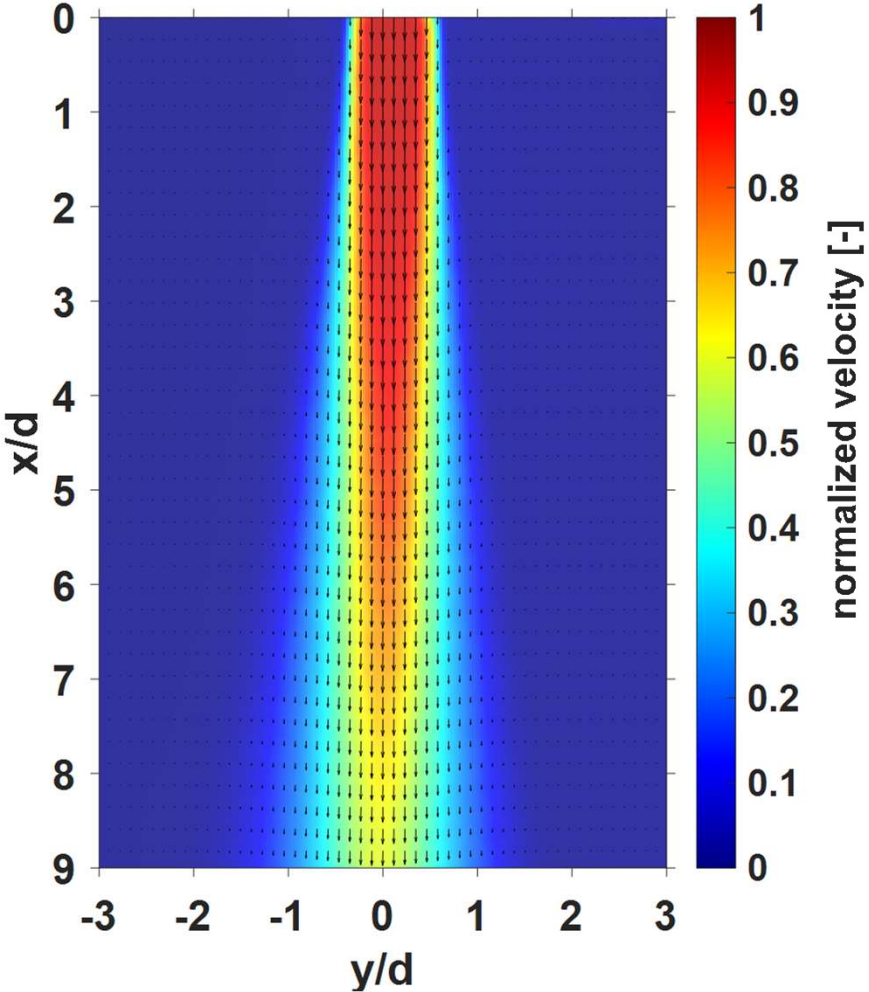Fluid Mechanics and Aerodynamics
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Germany

Supplementary Material C

- conical nozzle CN
- cavitation numbers $\sigma = 0.33 - 2.34$
- 2D normalized velocity fields

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conical nozzle CN

σ = 2.34

normalized velocity field

conical nozzle CN
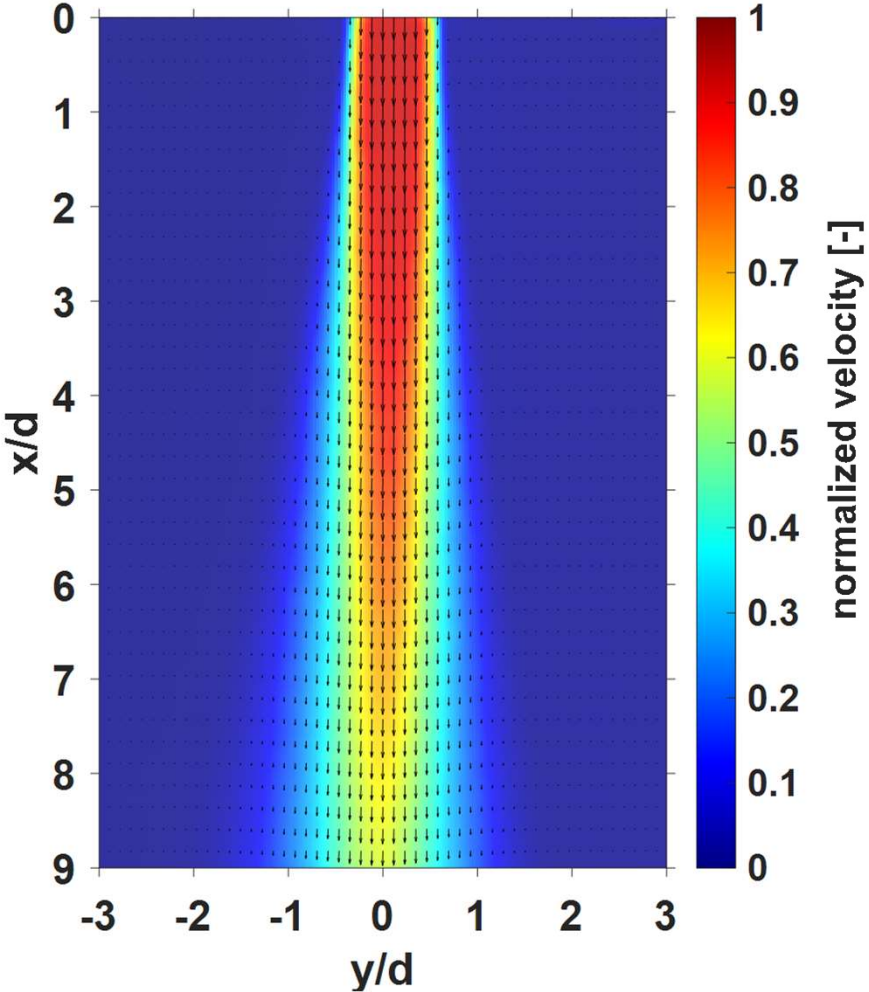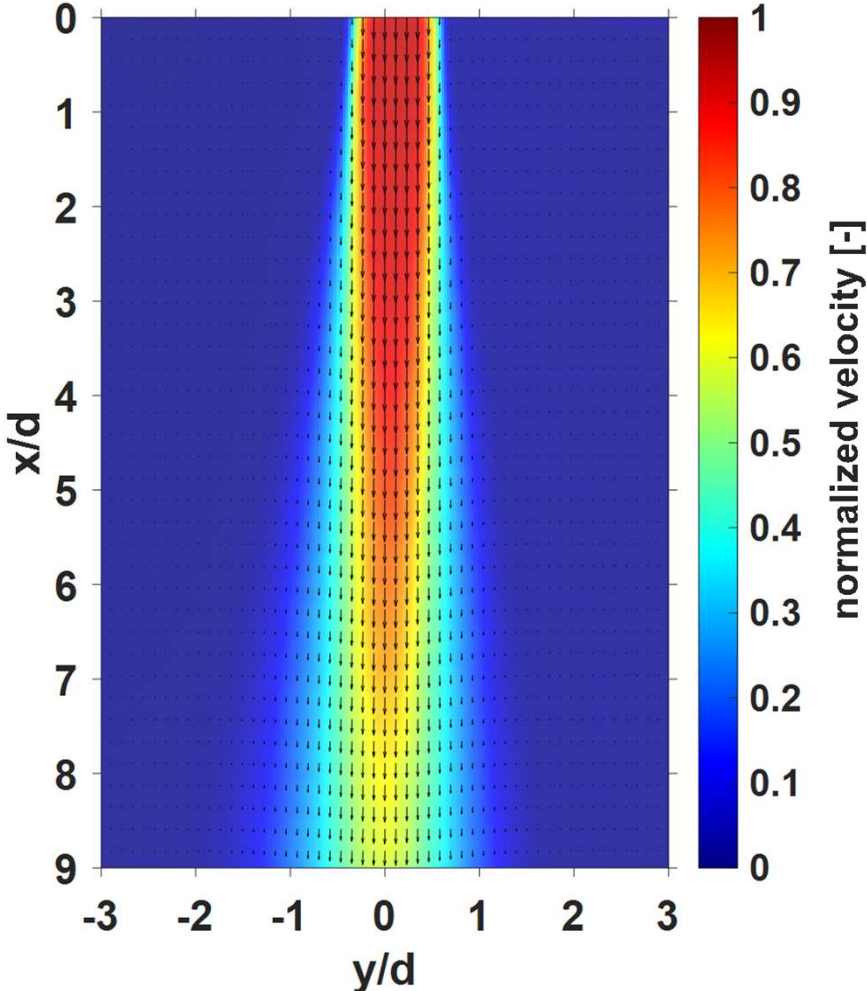
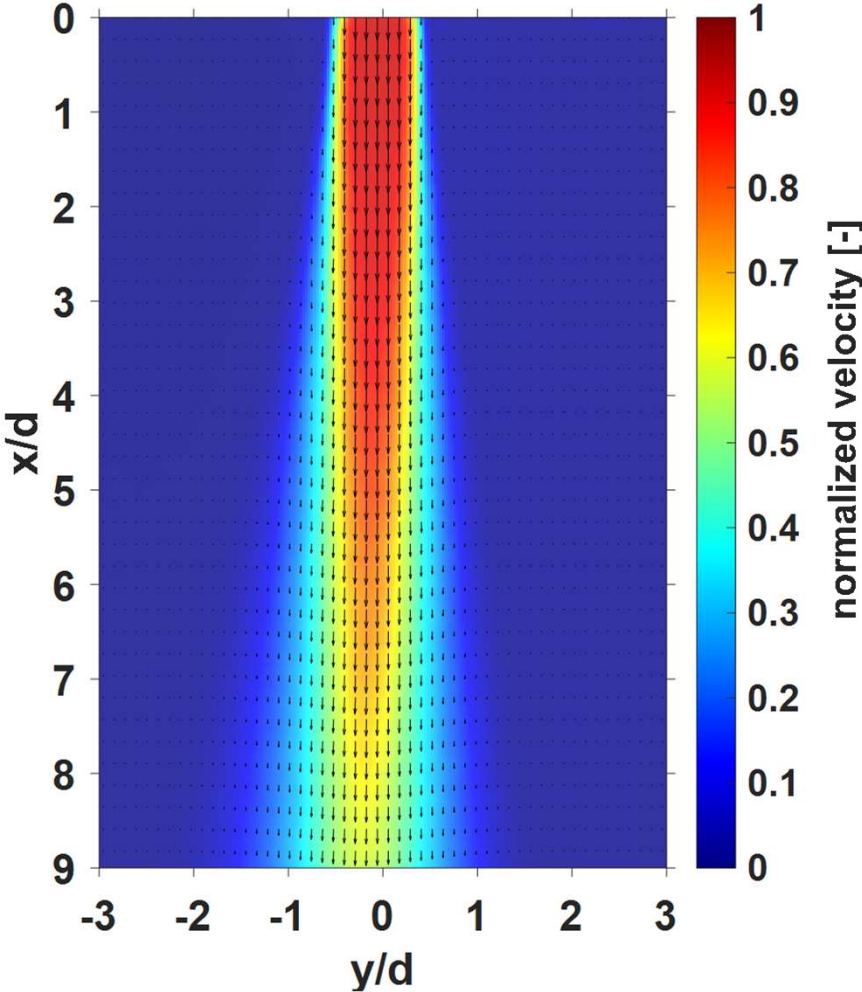σ = 2.05

normalized velocity field

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conical nozzle CN
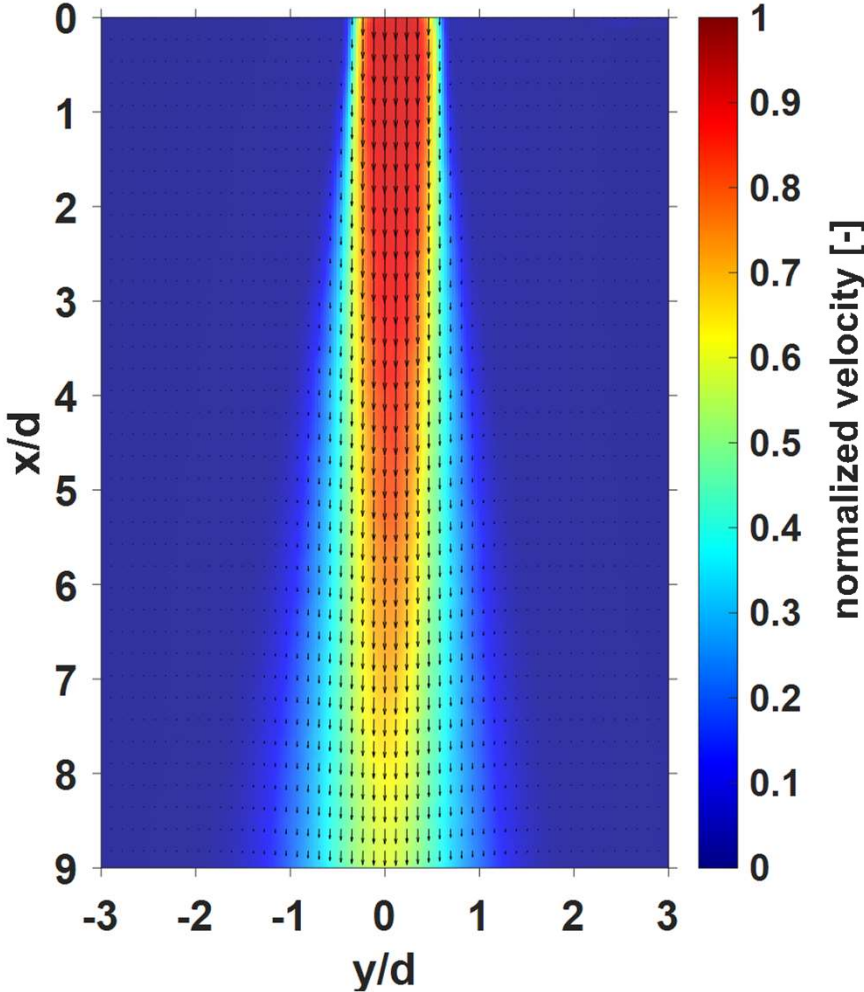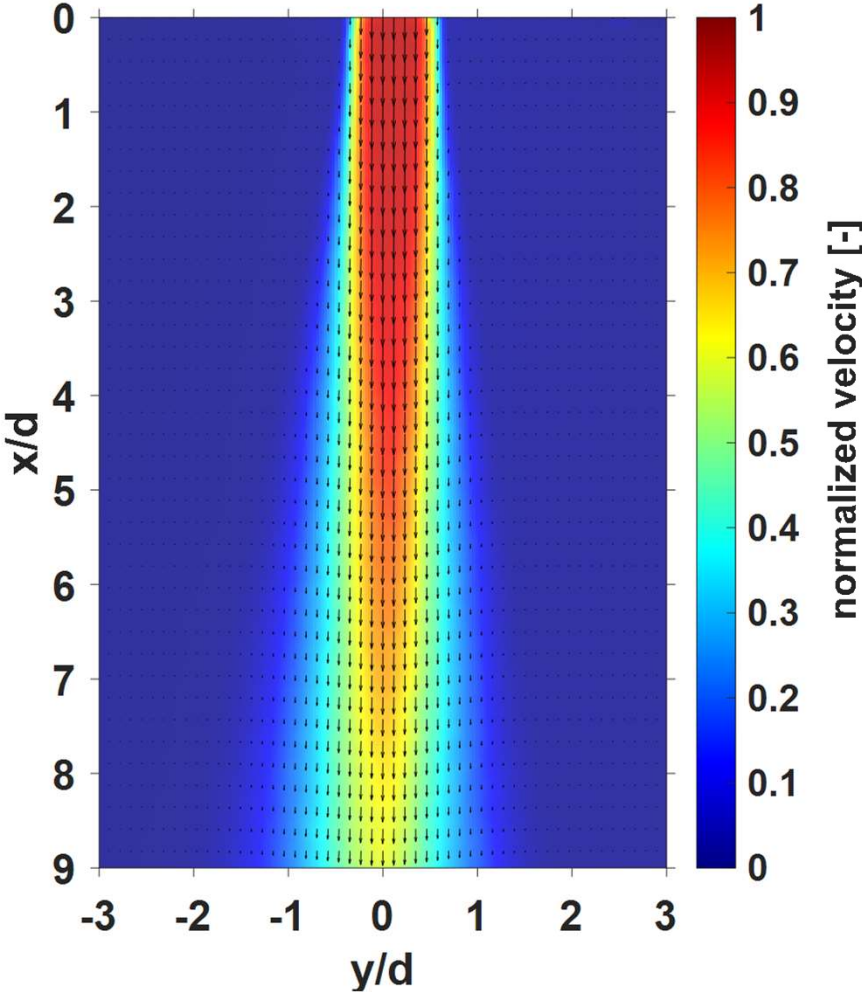
σ = 1.96

normalized velocity field

Jasper, S., Hussong, J., Lindken, R., **PIV-Investigation of high-Reynoldsnumber submerged water jets at high pressure ambient conditions** Exp Fluids (2021), Springer.

conical nozzle CN

σ = 1.74

normalized velocity field

conical nozzle CN

σ = 1.72

normalized velocity field

conical nozzle CN

σ = 1.55

normalized velocity field

conical nozzle CN

σ = 1.34
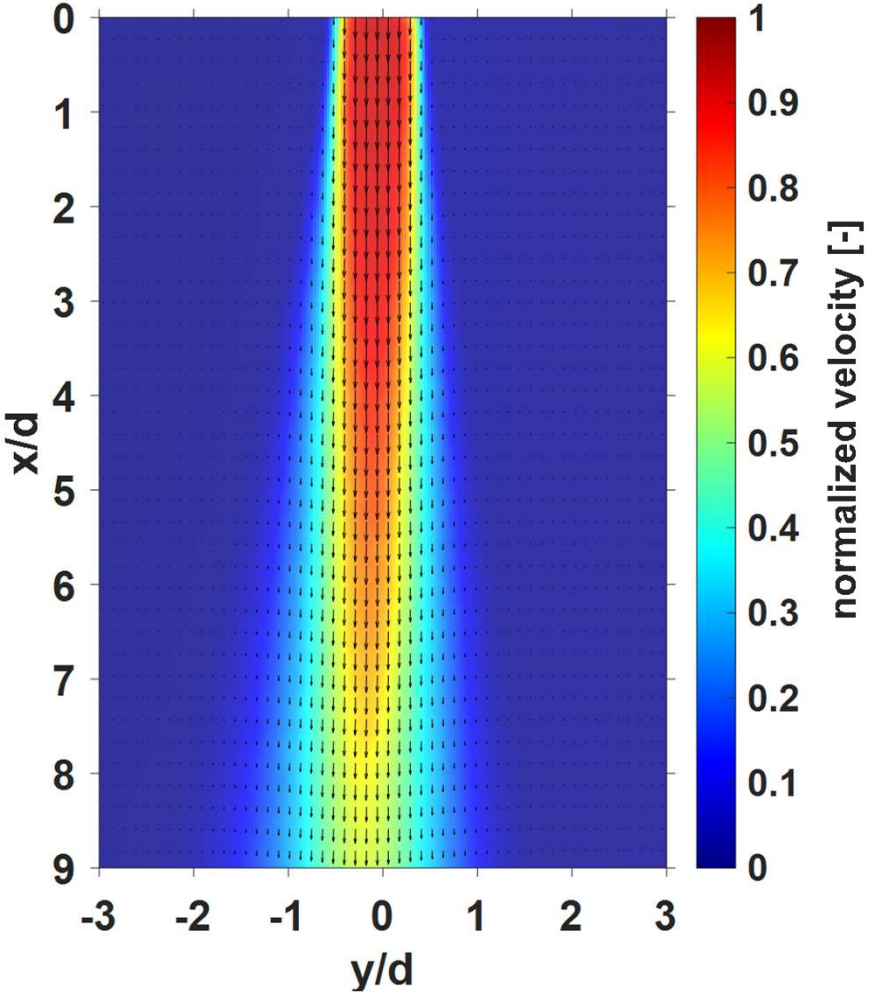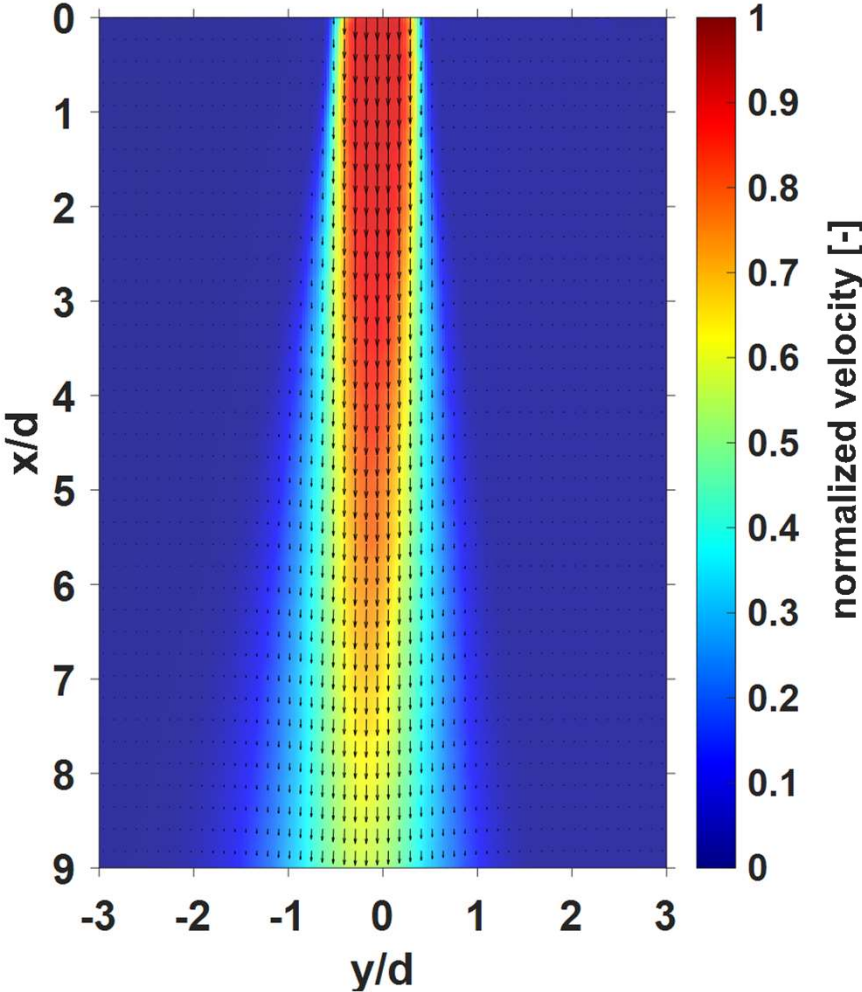
normalized velocity field

Jasper, S., Hussong, J., Lindken, R., **PIV-Investigation of high-Reynoldsnumber submerged water jets at high pressure ambient conditions** Exp Fluids (2021), Springer.

conical nozzle CN
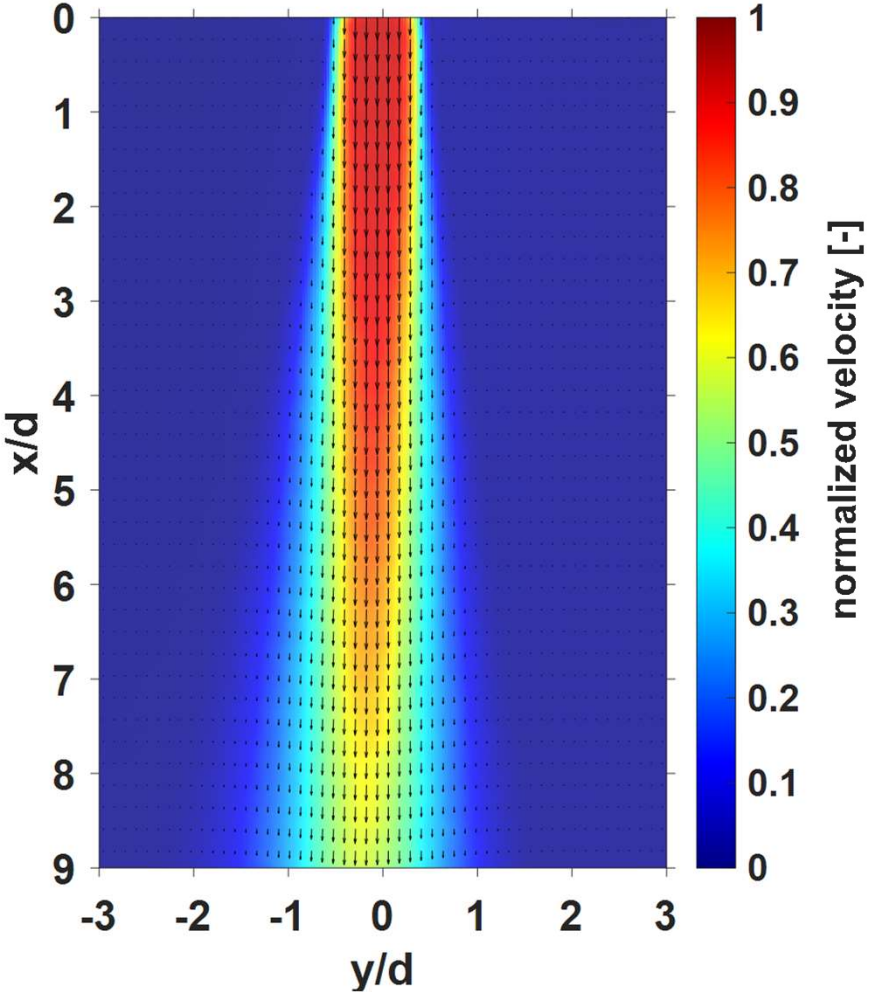
σ = 1.26

normalized velocity field

Jasper, S., Hussong, J., Lindken, R., **PIV-Investigation of high-Reynoldsnumber submerged water jets at high pressure ambient conditions** Exp Fluids (2021), Springer.

conical nozzle CN

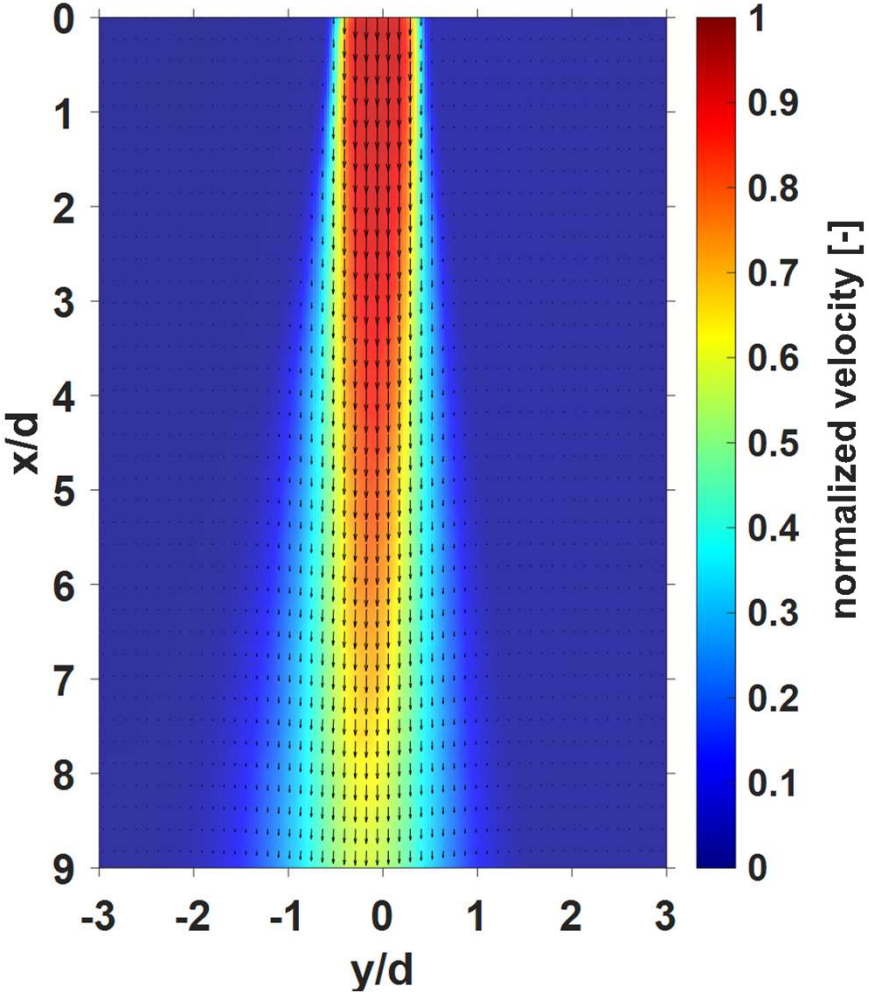σ = 1.20

normalized velocity field

Jasper, S., Hussong, J., Lindken, R., **PIV-Investigation of high-Reynoldsnumber submerged water jets at high pressure ambient conditions** Exp Fluids (2021), Springer.

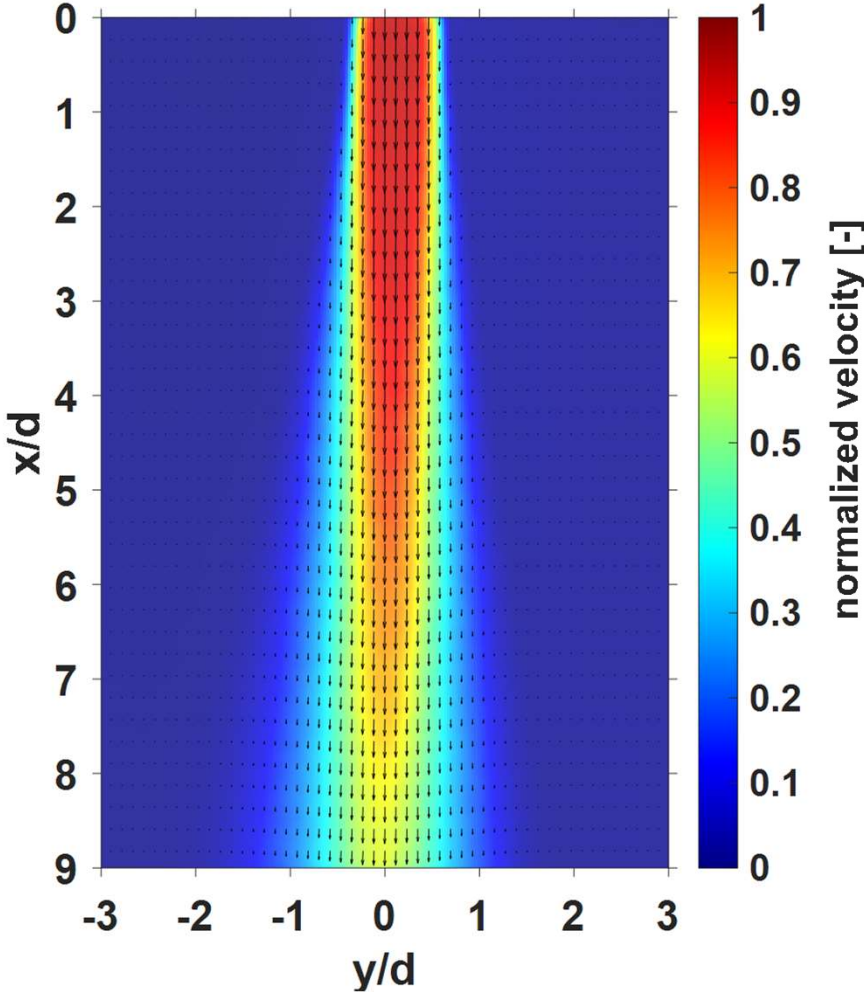conical nozzle CN

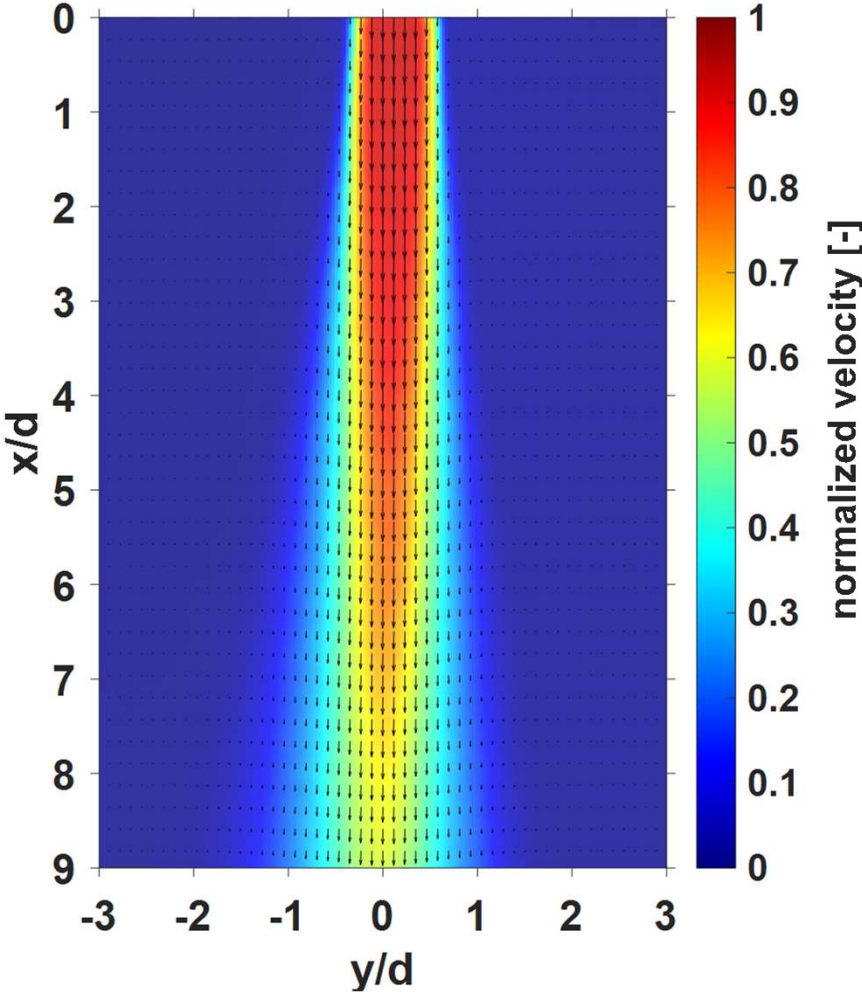σ = 1.07

normalized velocity field

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conical nozzle CN
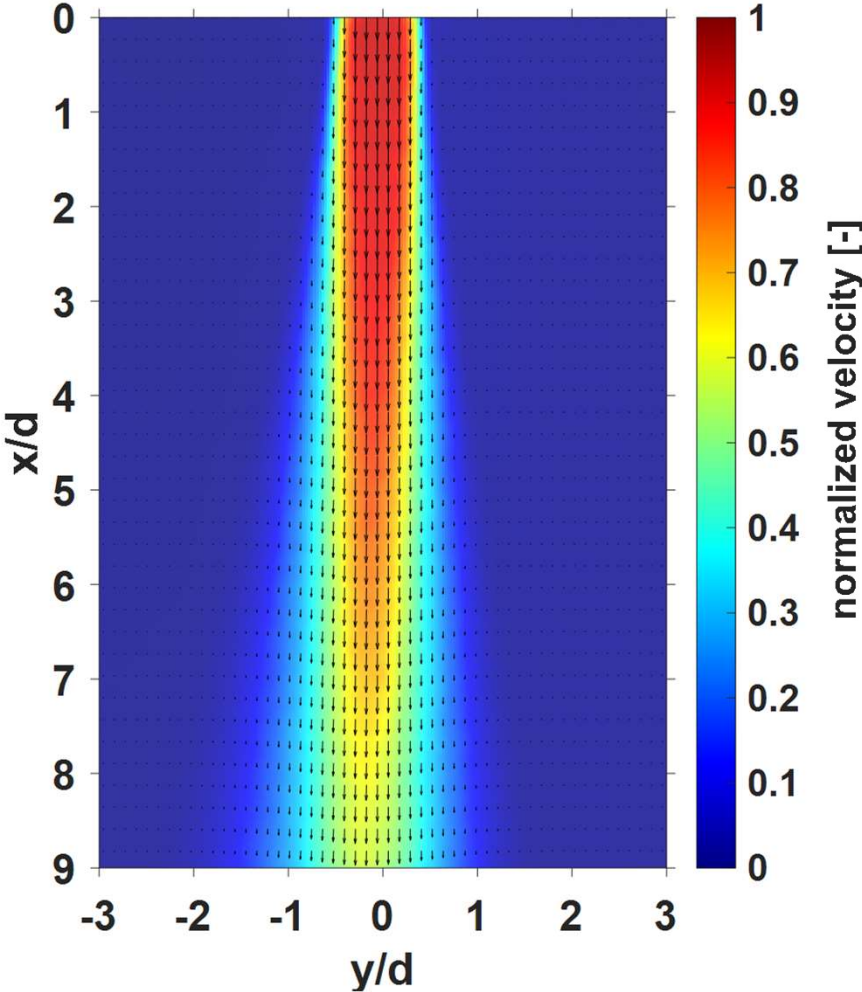
σ = 0.99

normalized velocity field

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conical nozzle CN

σ = 0.91

normalized velocity field

conical nozzle CN

σ = 0.82

normalized velocity field
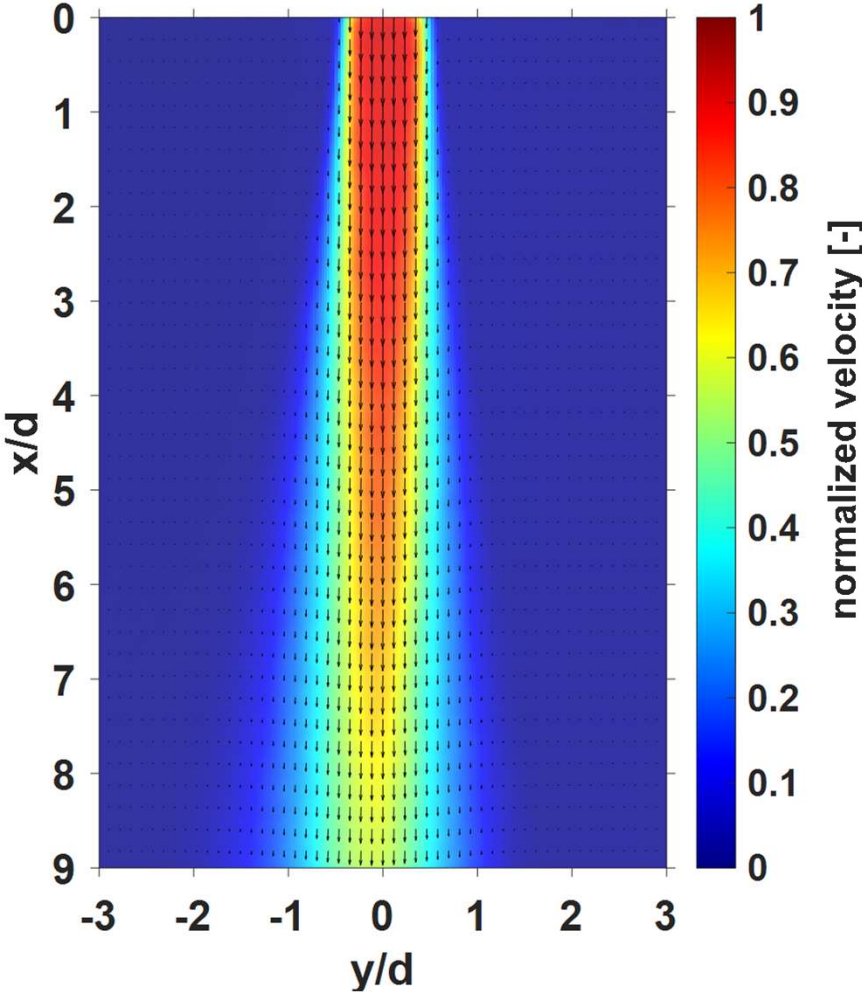
conical nozzle CN

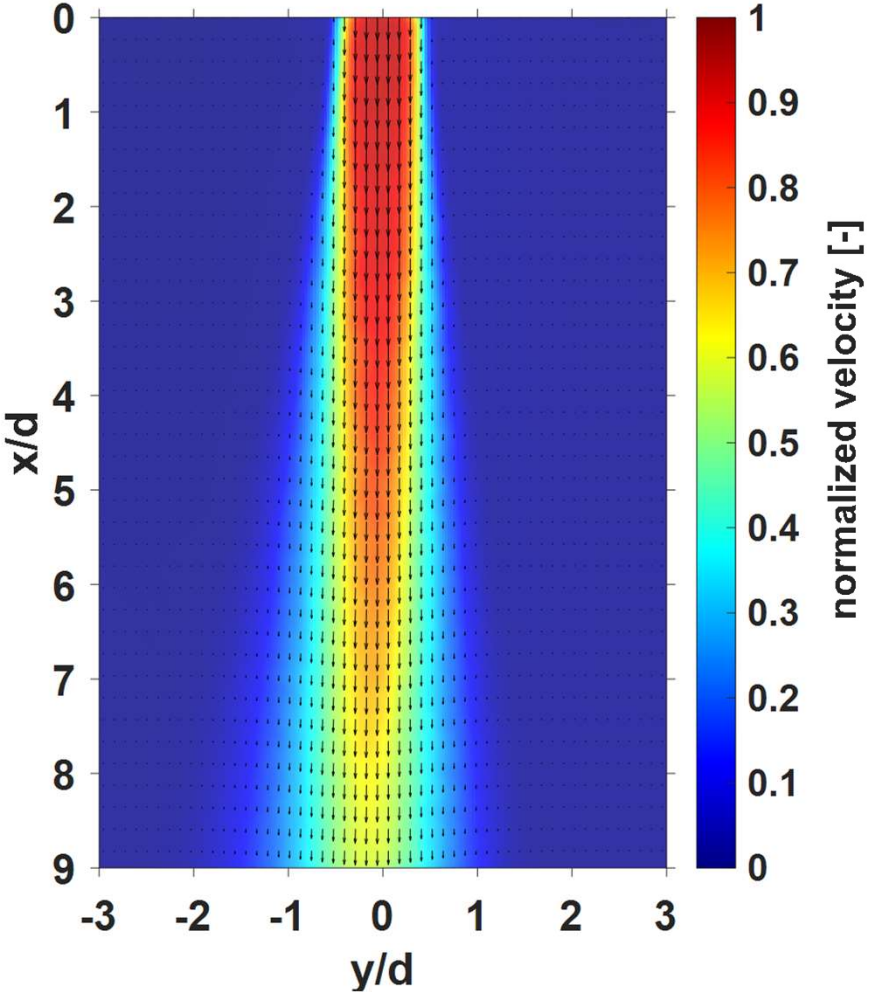σ = 0.77

normalized velocity field

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conical nozzle CN

σ = 0.74

normalized velocity field

conical nozzle CN
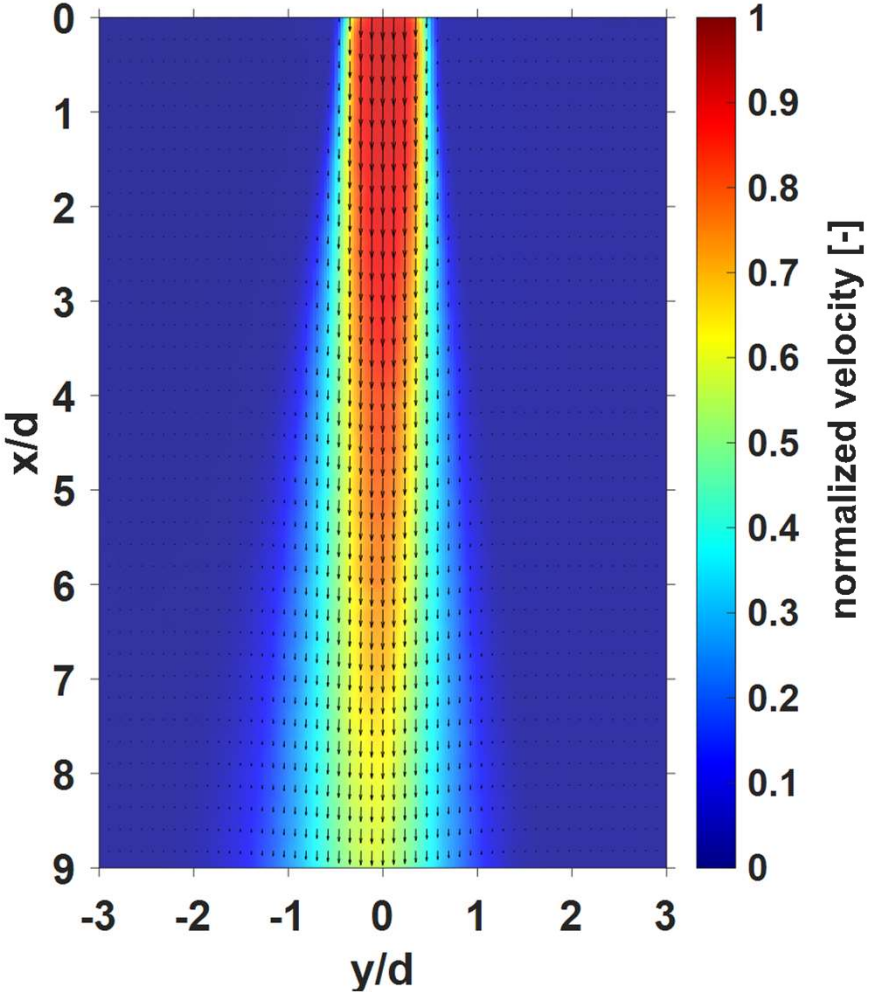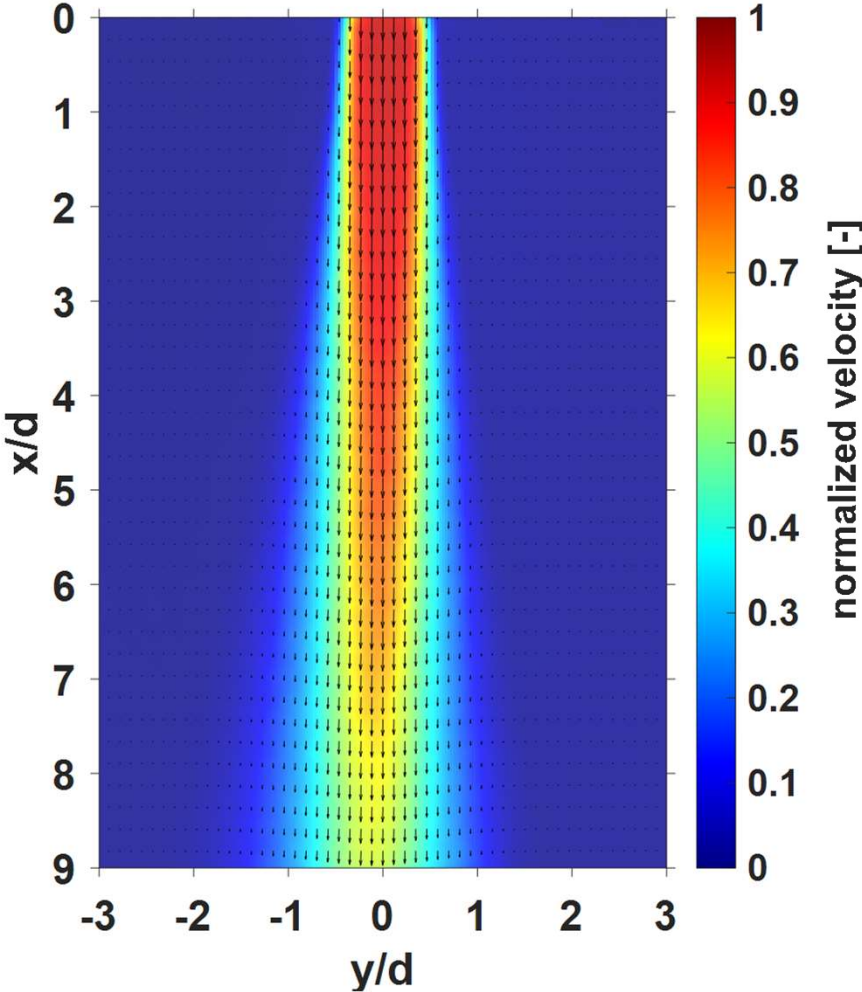
σ = 0.54

normalized velocity field

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conical nozzle CN

σ = 0.46

normalized velocity field

conical nozzle CN

σ = 0.33

normalized velocity field