



**Small measurement volume**  
(diameter  $d$  and length  $l$ )

- 100 m height:  
 $d = 6 \text{ mm}, l = 0.6 \text{ m}$
- 200 m height:  
 $d = 12 \text{ mm}, l = 2.4 \text{ m}$

All three wind vector components  
are measured by means  
of single particles

$r = 1 \text{ m}$