

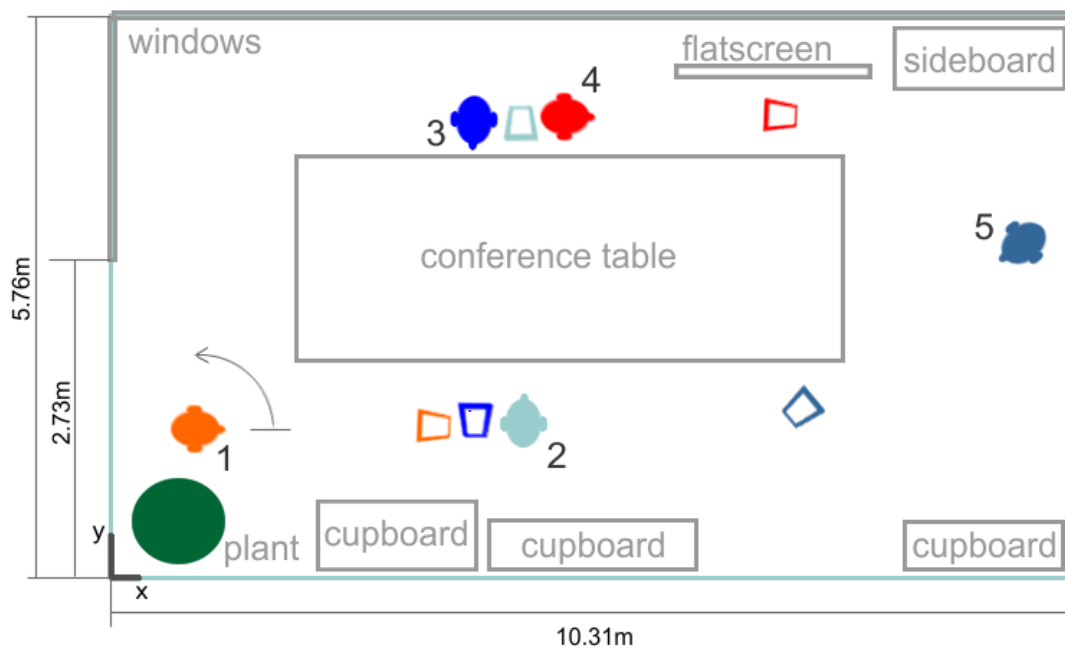
## Small conference room

Size 10.31m x 5.76m x 3.07m     $V = 182.3\text{m}^3$      $T_{60} \approx 0.65\text{s}$  (broadband)     $r_{\text{critical}} \approx 0.95\text{m}$

5 Positions measured with a KEMAR 45BA with large ears  
and an active 2-way loudspeaker Genelec 1030A

Orientation of the KEMAR:     $0^\circ\text{-}355^\circ$  with  $5^\circ$  azimuth resolution, elevation =  $0^\circ$  at all times

The source was always positioned in constant relation to the "listener":  $r = 2.5\text{m}$  azimuth =  $0^\circ$   
(listener related – the room related values can be found in the table)    elevation =  $0^\circ$



Coordinates of the 5 dummy head positions:

	x	y	z	$\Phi$
<b>Pos 1</b>	1.10m	1.10m	1.59m	$0^\circ$
<b>Pos 2</b>	4.50m	1.10m	1.59m	$90^\circ$
<b>Pos 3</b>	4.90m	4.70m	1.59m	$270^\circ$
<b>Pos 4</b>	6.45m	4.60m	1.59m	$0^\circ$
<b>Pos 5</b>	9.85m	2.80m	1.59m	$220^\circ$

Coordinates of the 5 loudspeaker positions:

	x	y	z	$\Phi$
<b>Pos 1</b>	2.60m	1.10m	1.55m	$180^\circ$
<b>Pos 2</b>	4.50m	2.60m	1.55m	$270^\circ$
<b>Pos 3</b>	4.90m	2.20m	1.55m	$90^\circ$
<b>Pos 4</b>	8.95m	4.60m	1.55m	$180^\circ$
<b>Pos 5</b>	8.95m	1.20m	1.55m	$40^\circ$