

Teknisk Modellering: Bärverksanalys

VSMF05

Redovisning av laboration
2017-03-02



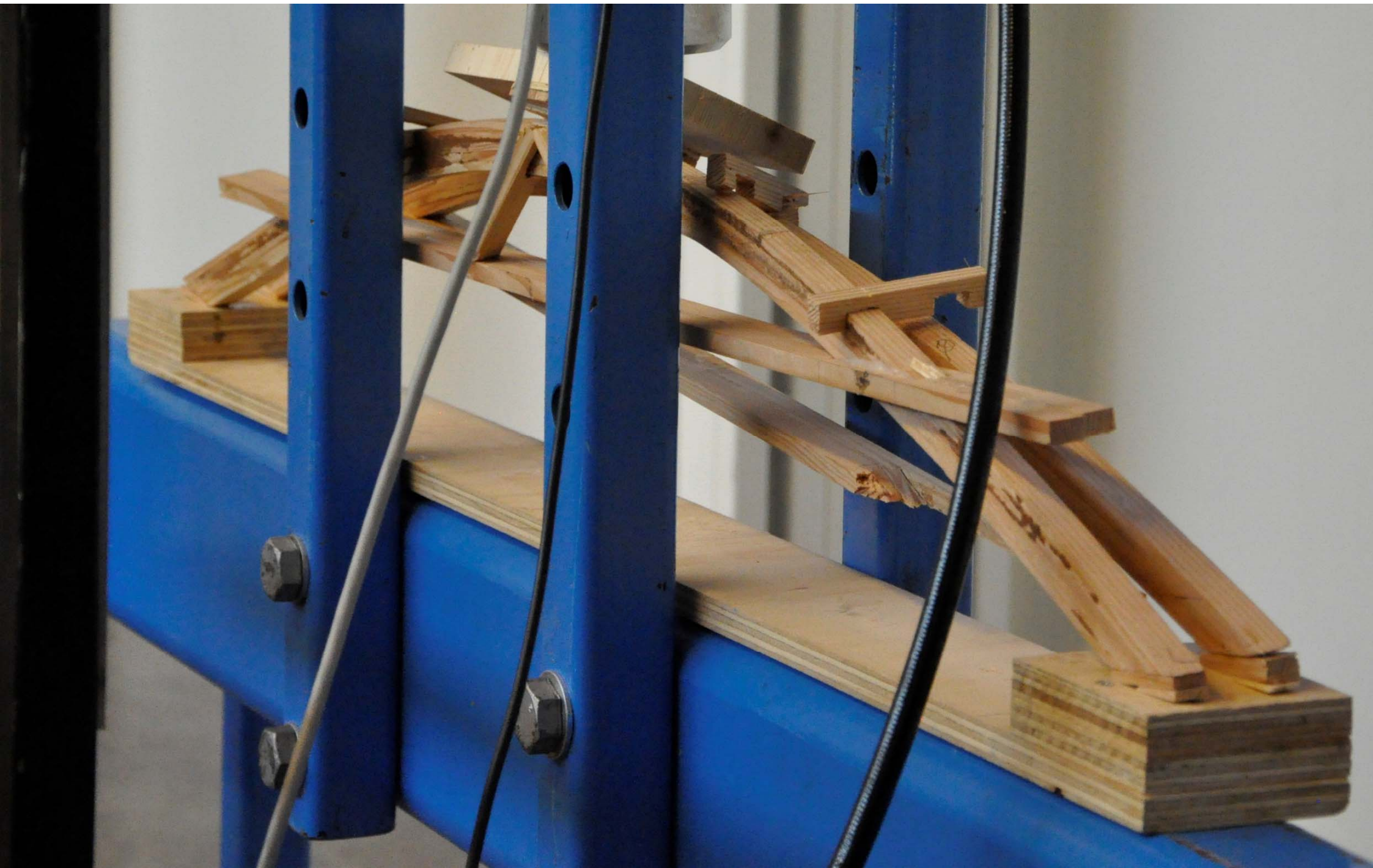




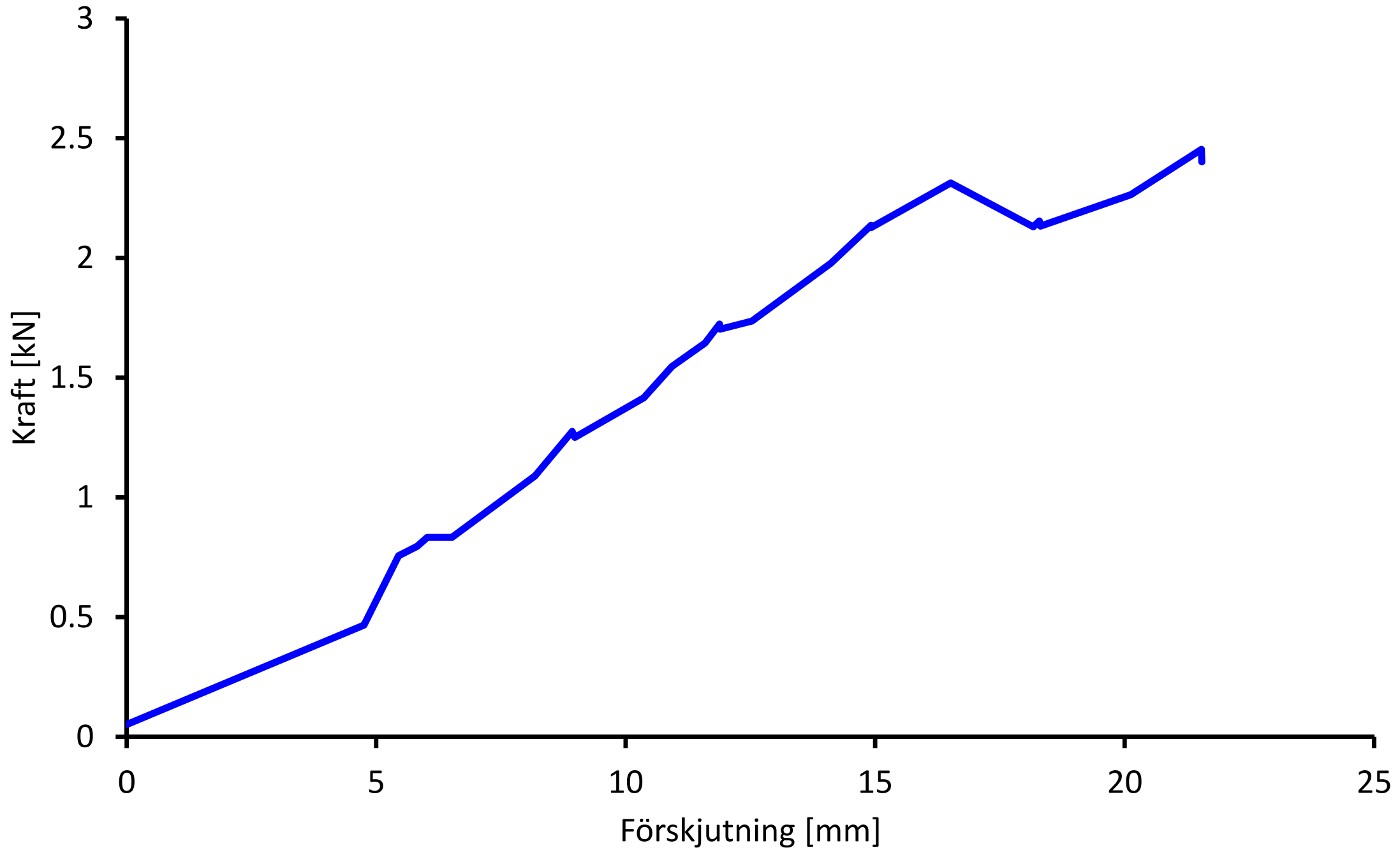


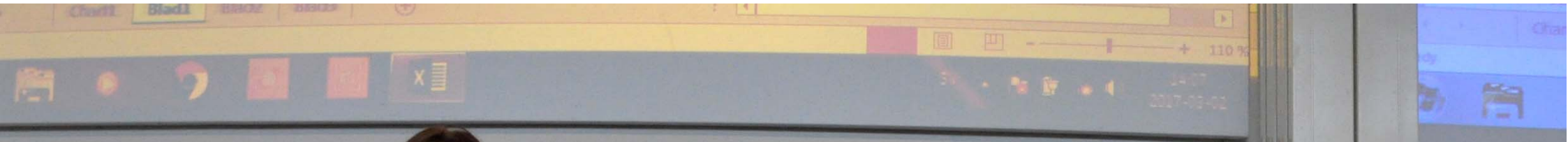






Grupp 1



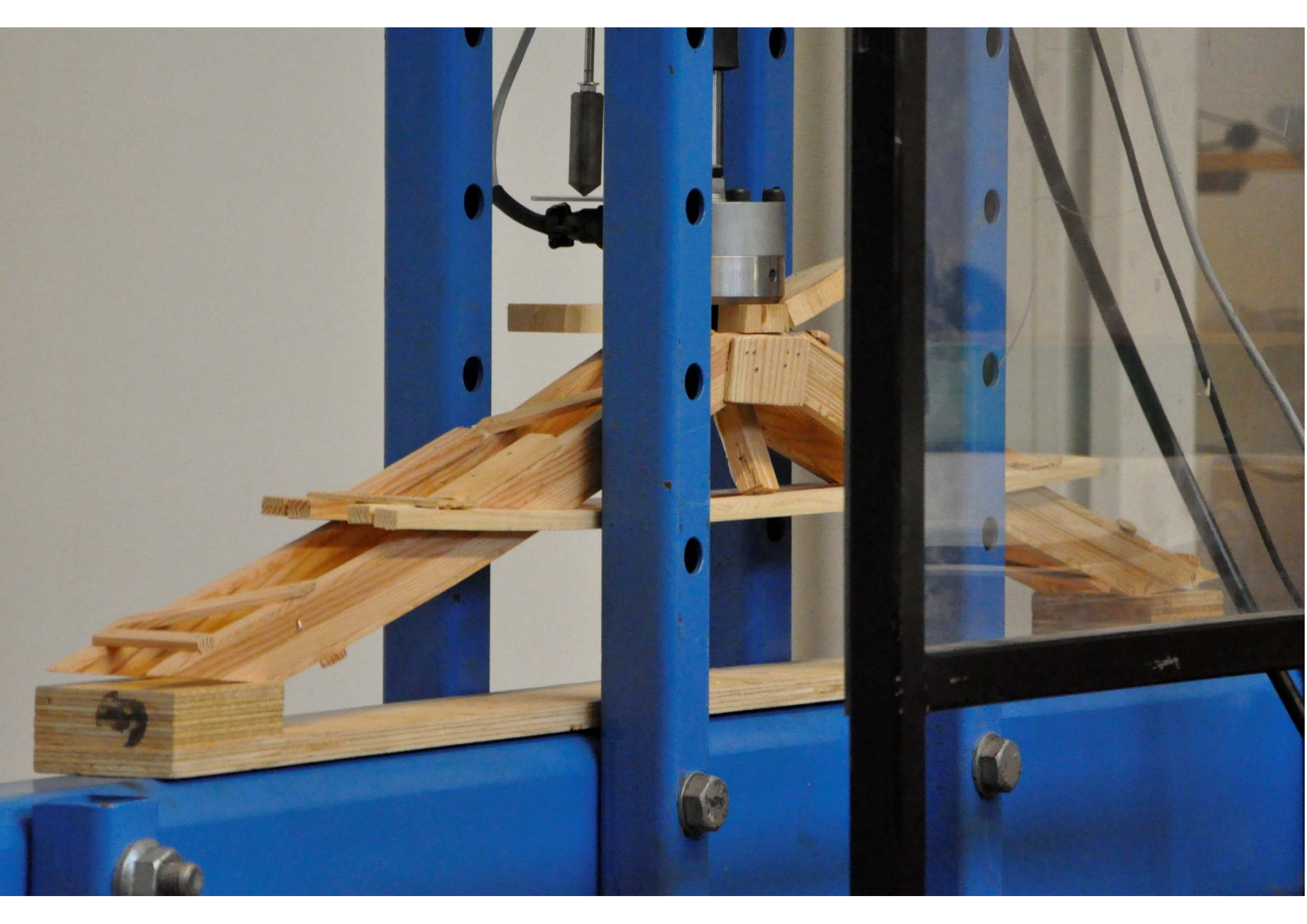


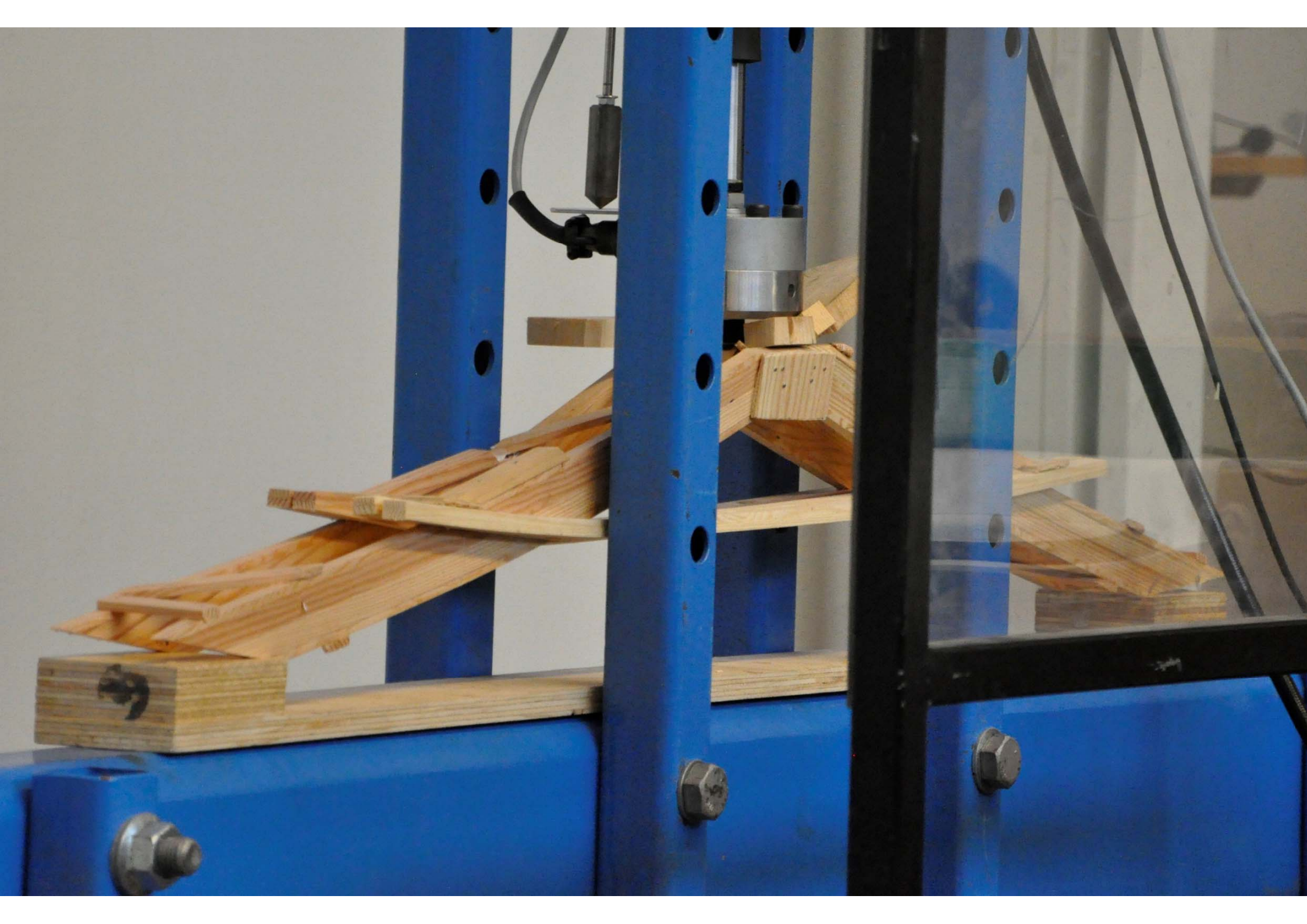




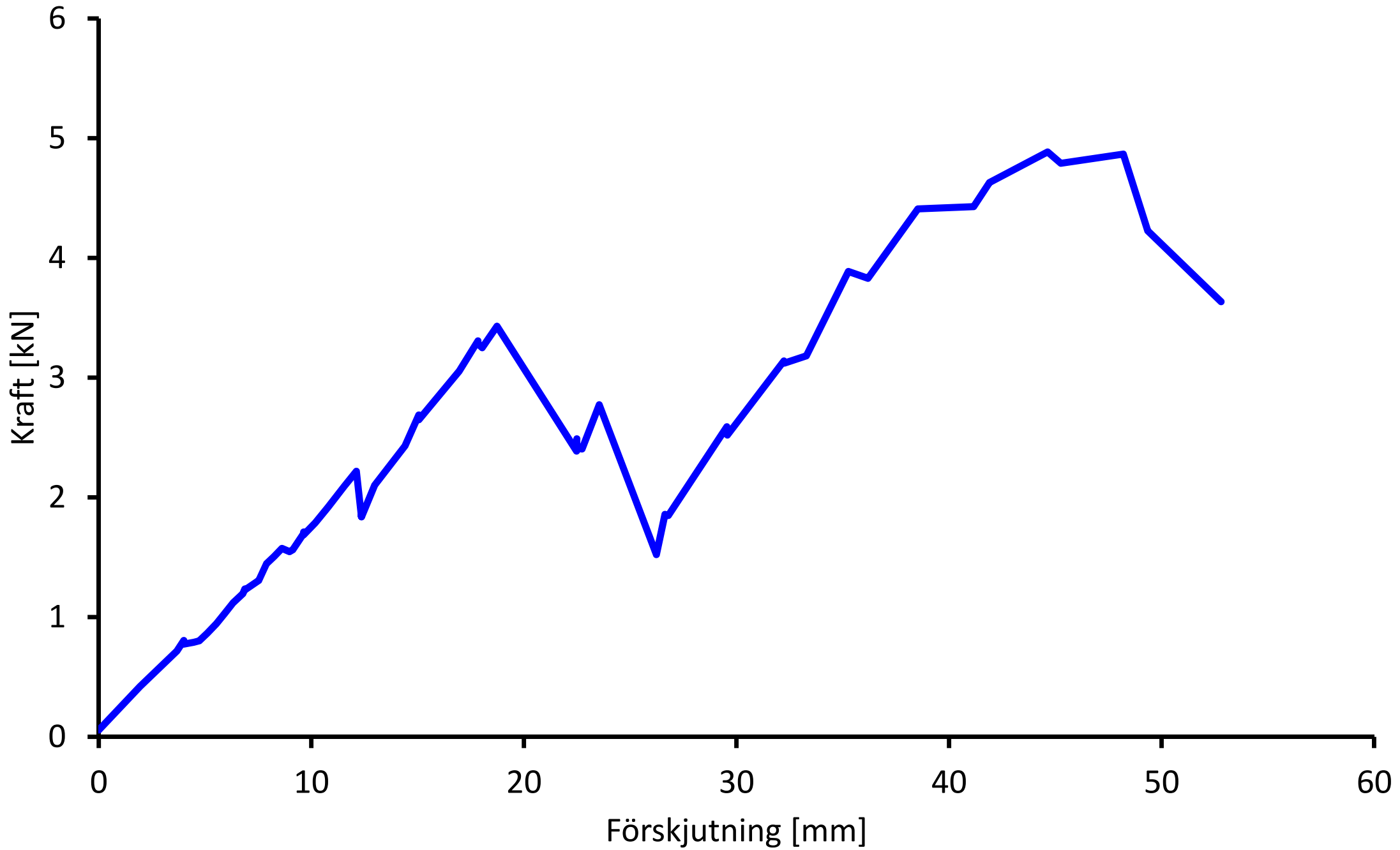








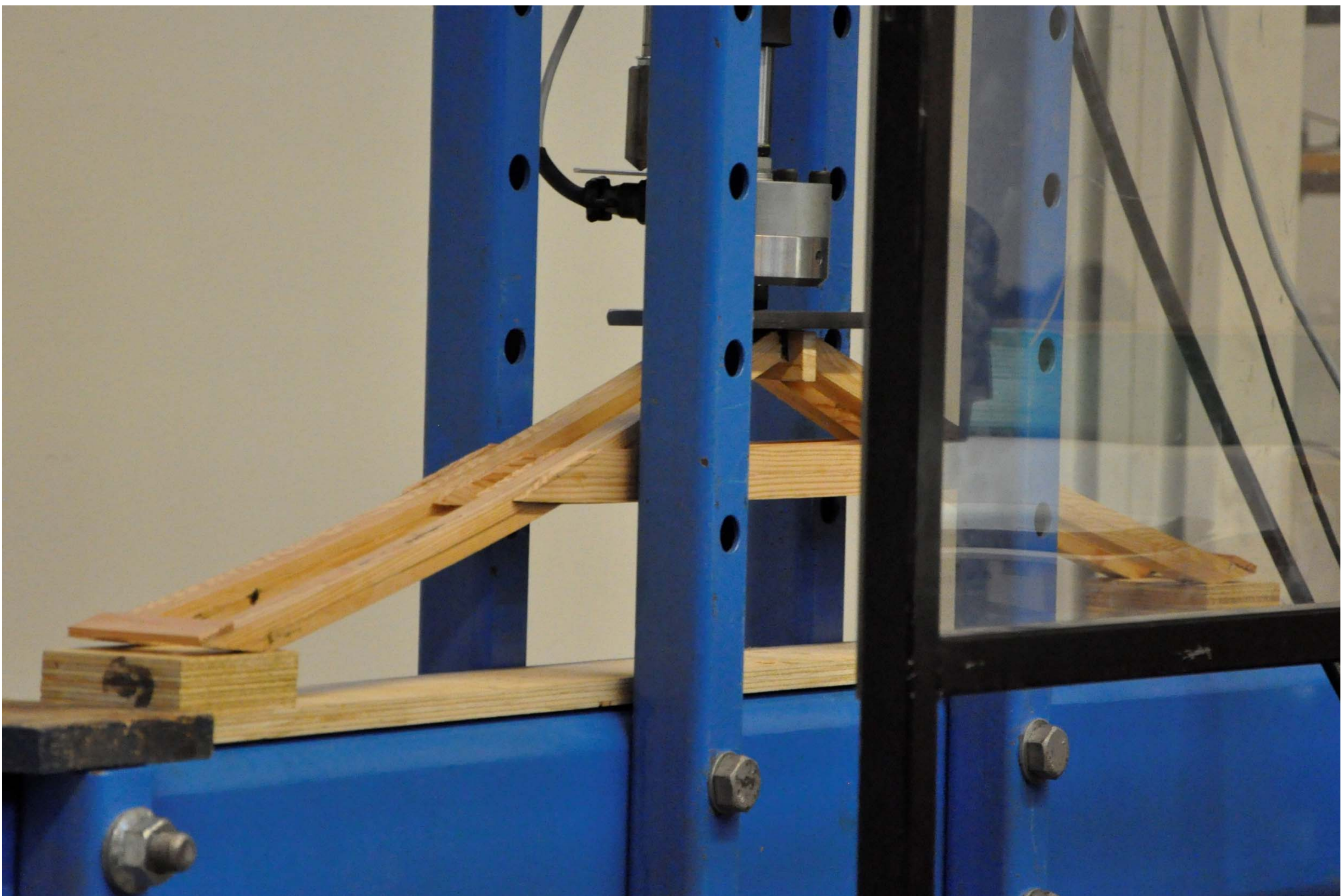
Grupp 2

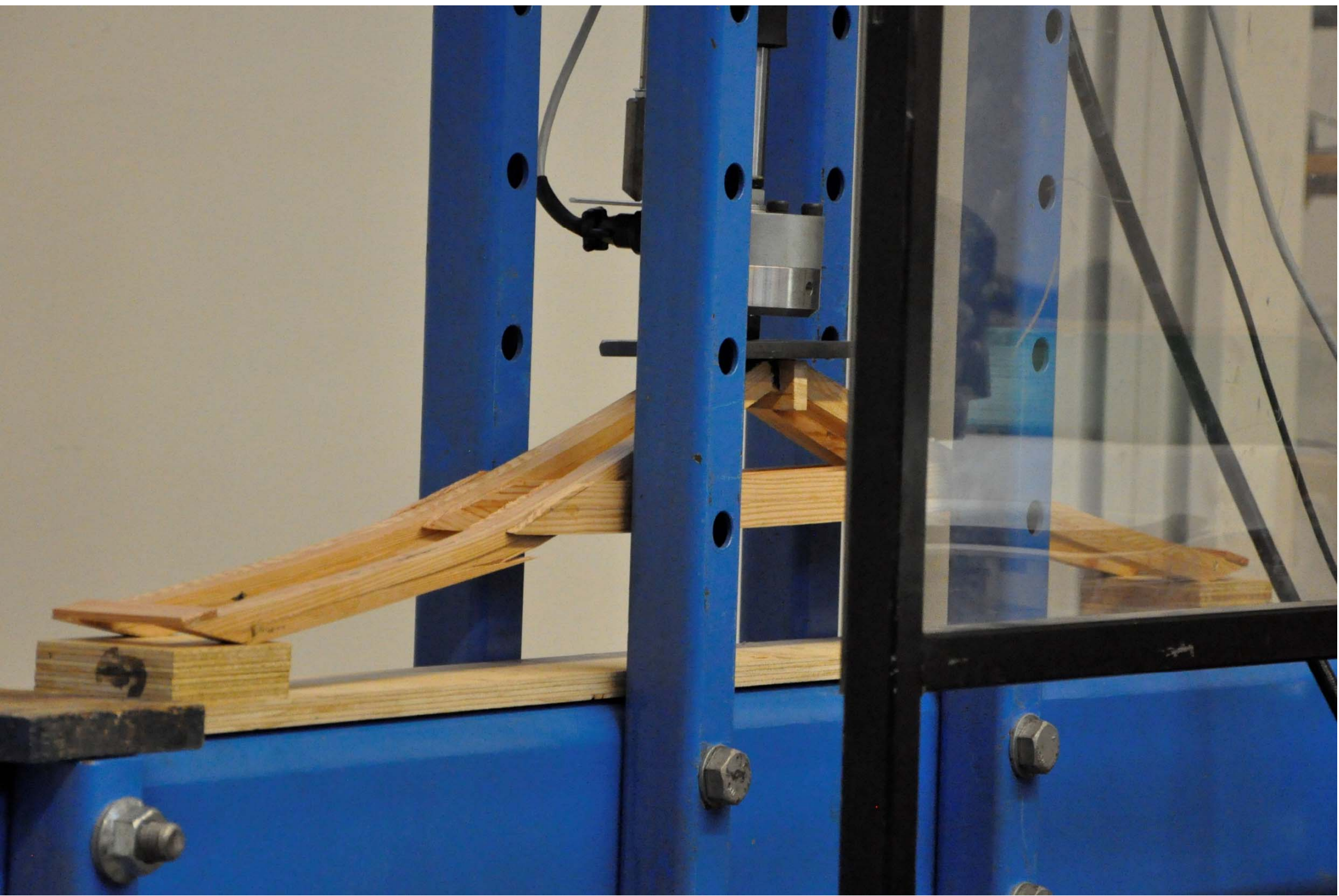










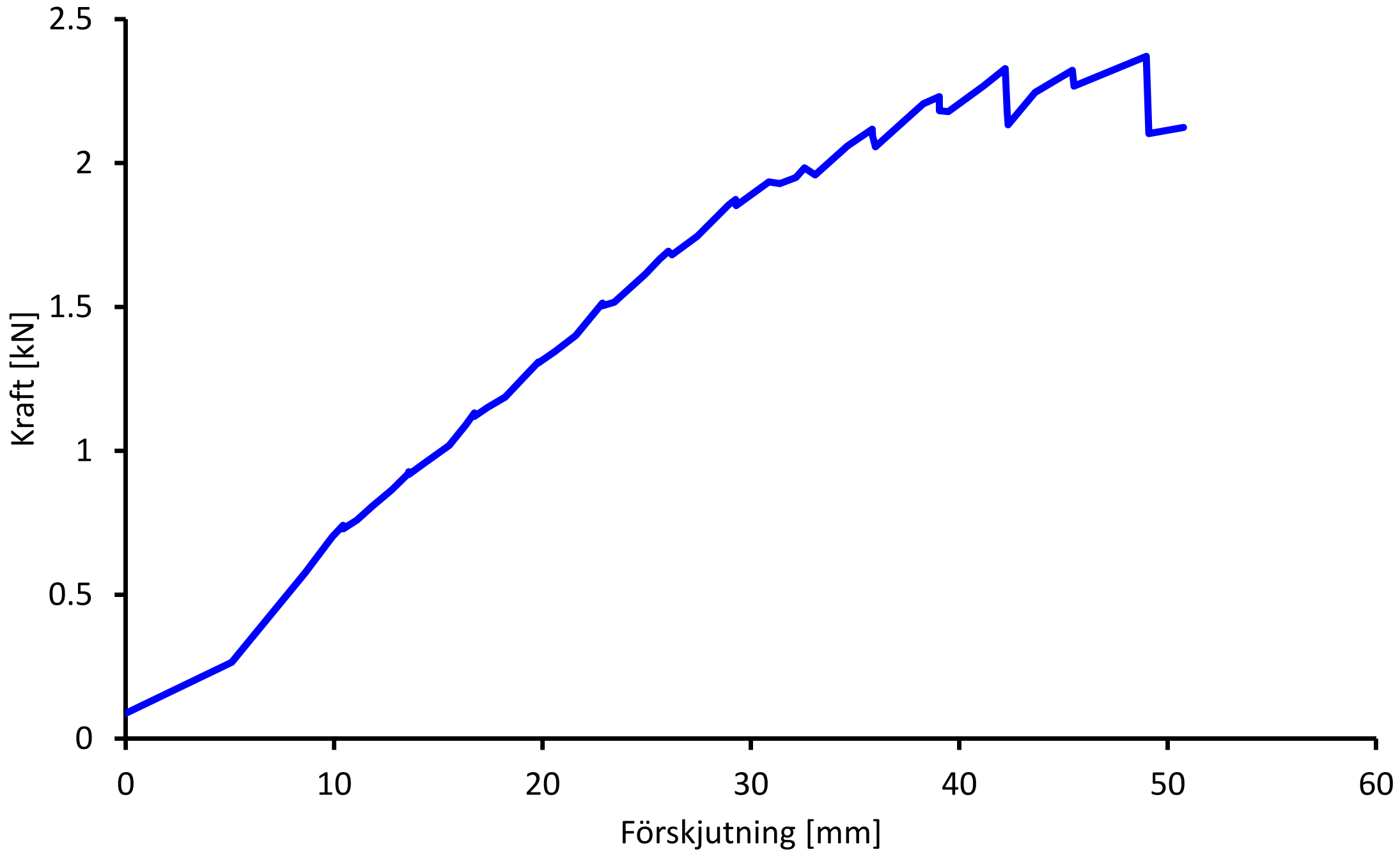




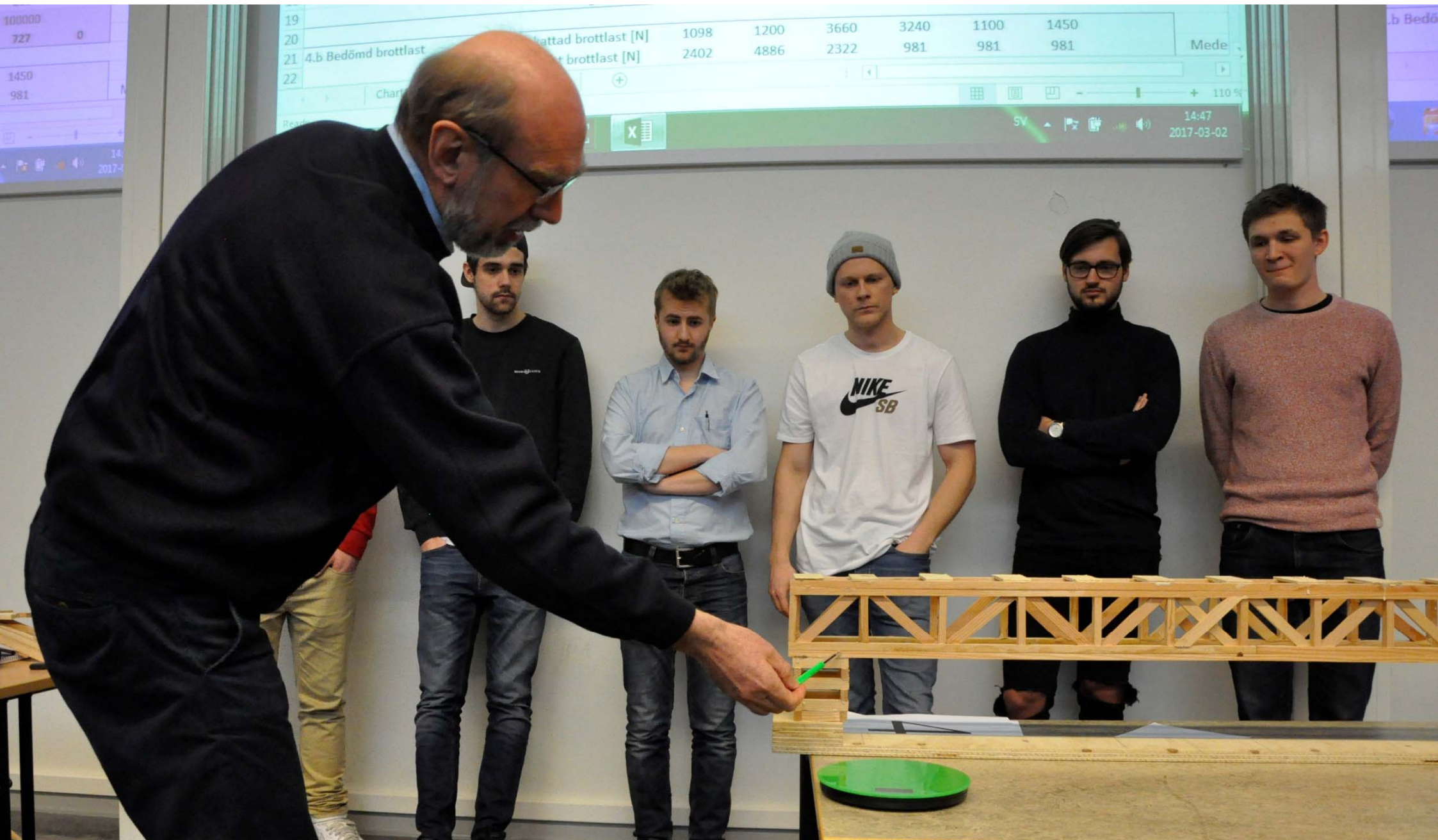




Grupp 7









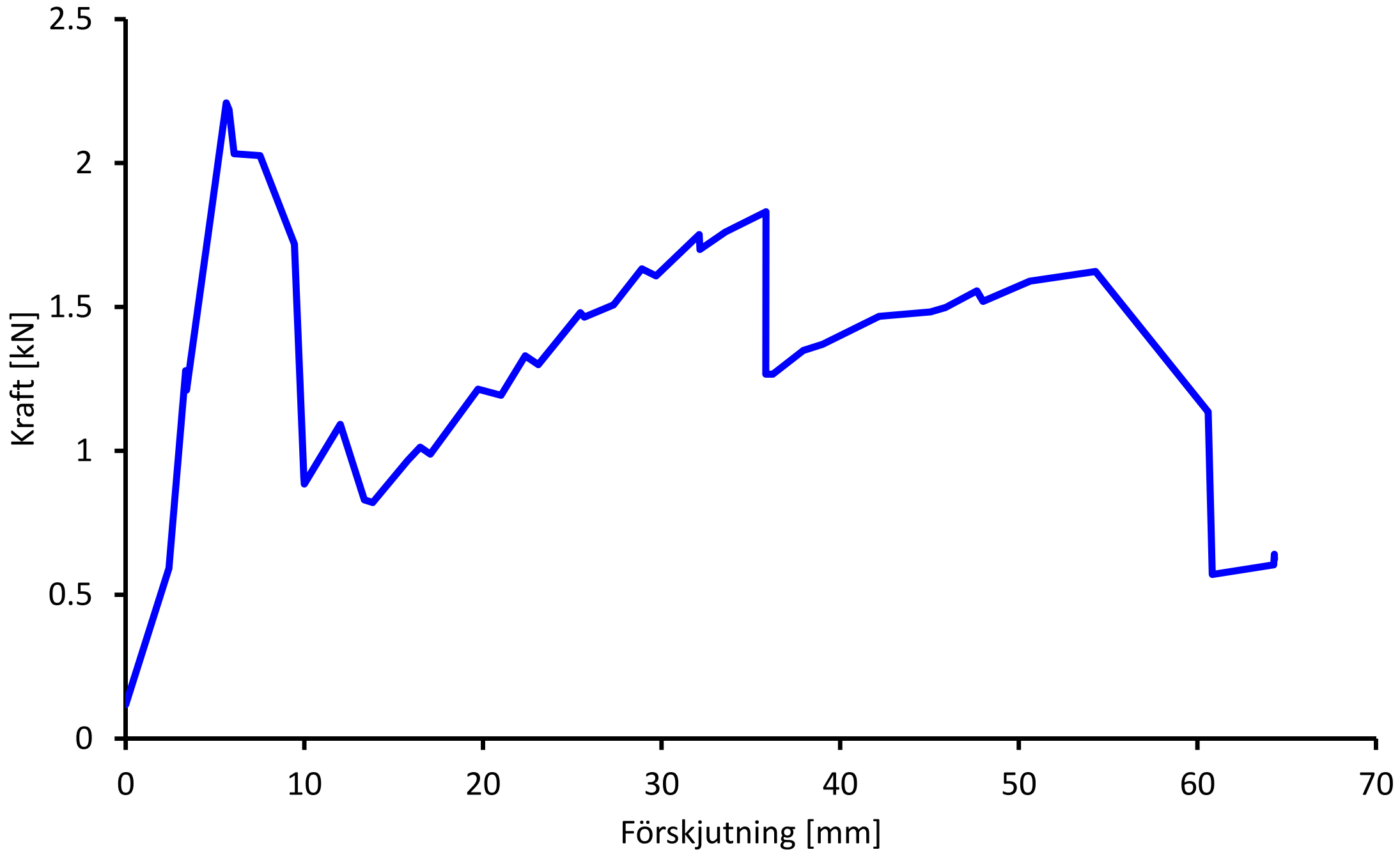


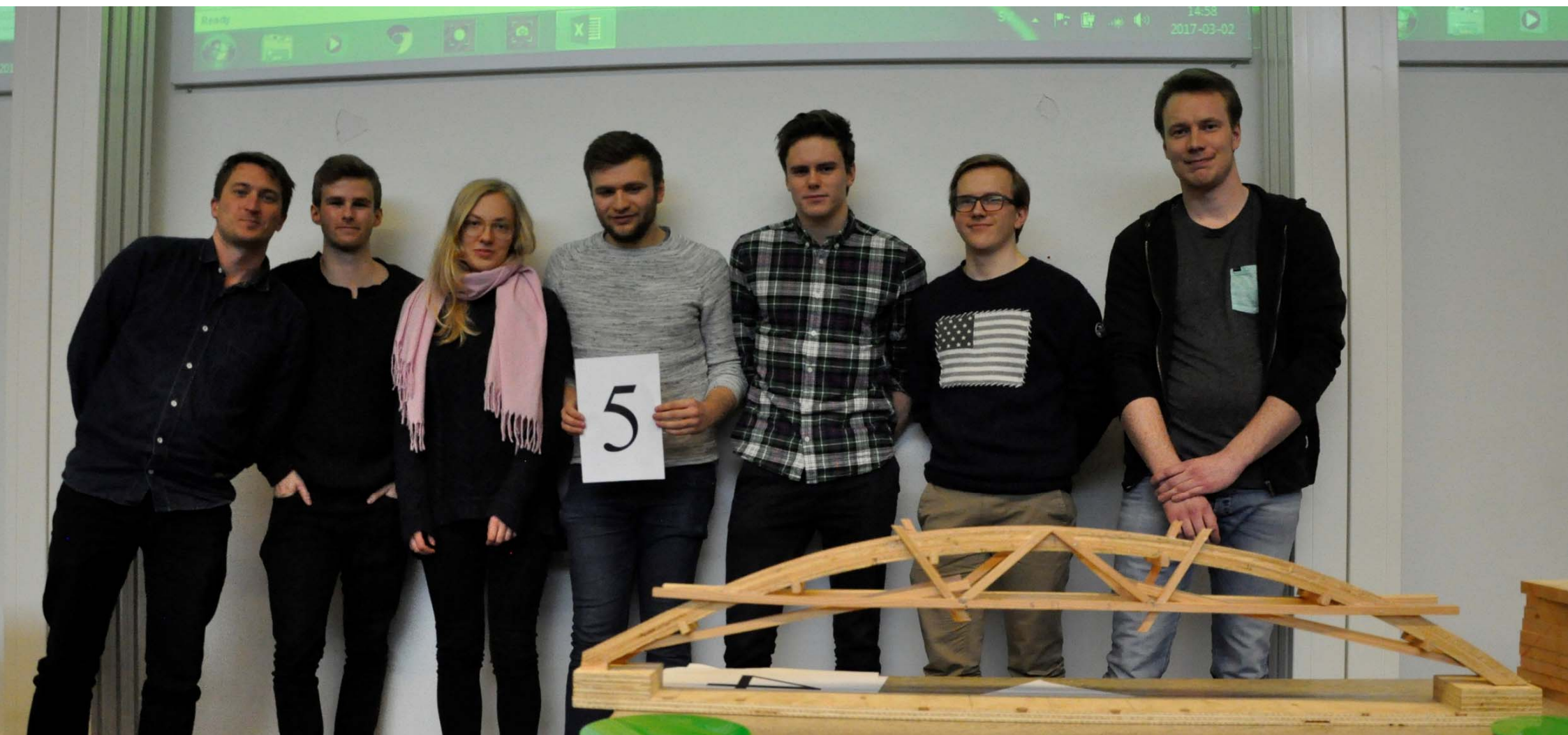






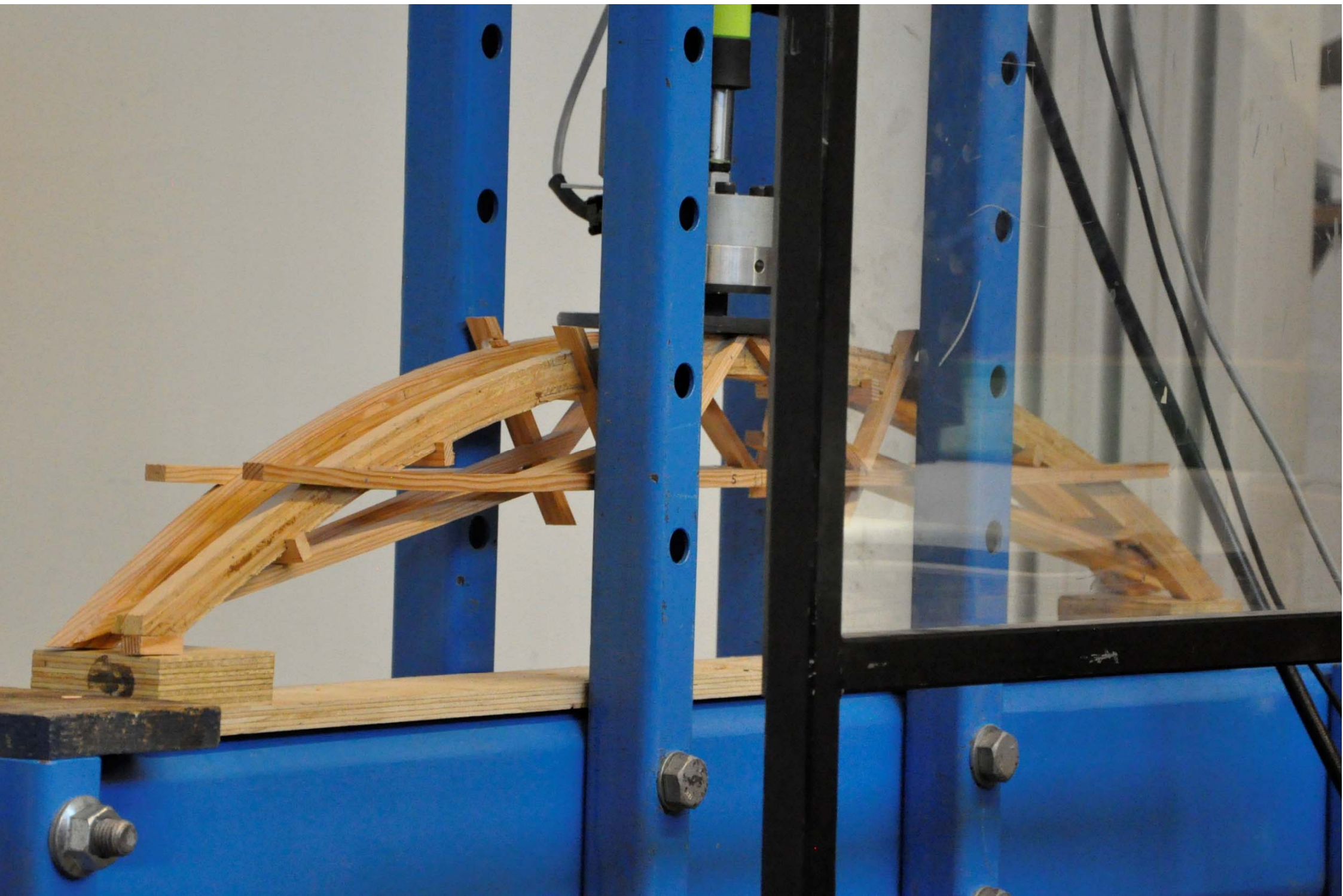
Grupp 4





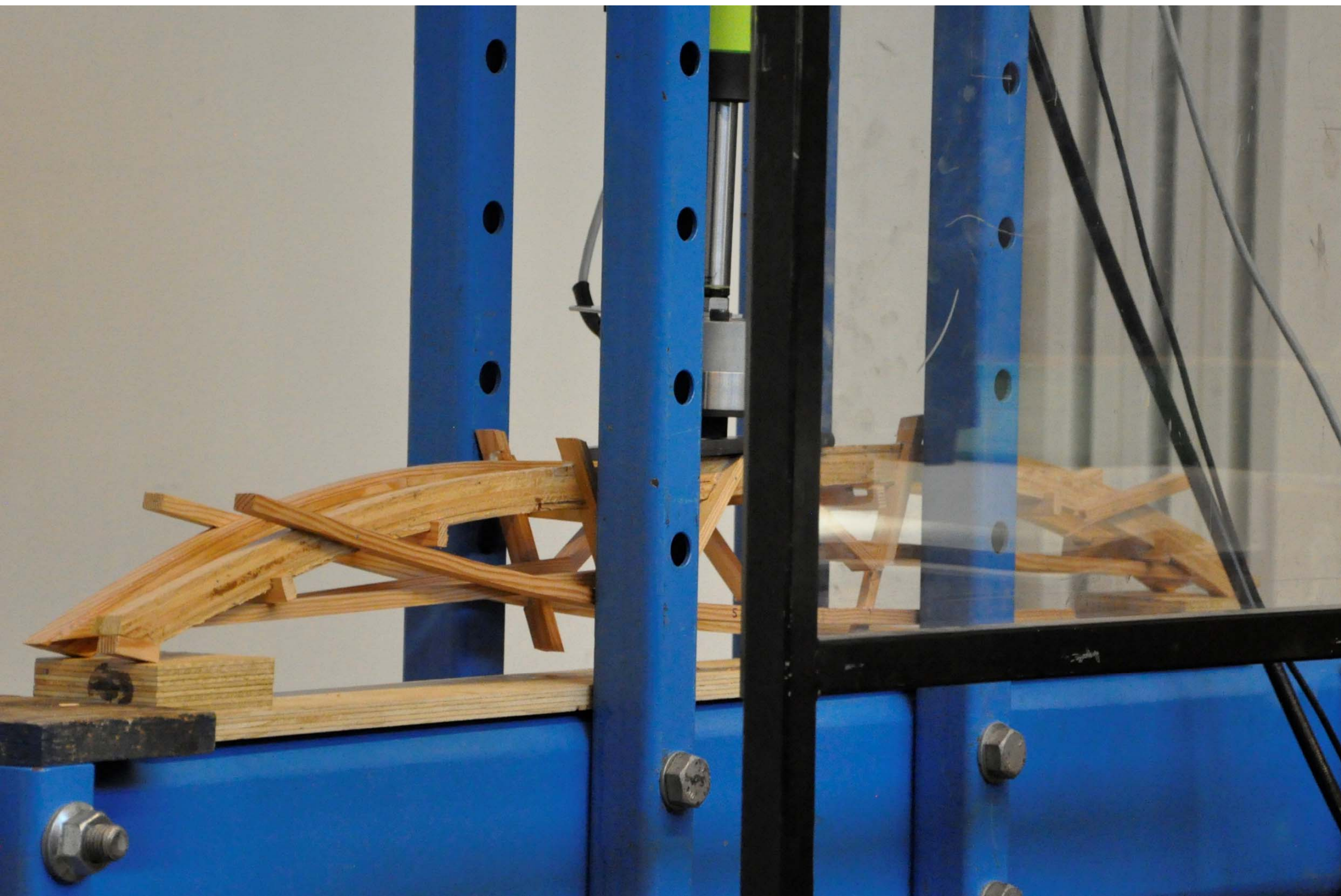




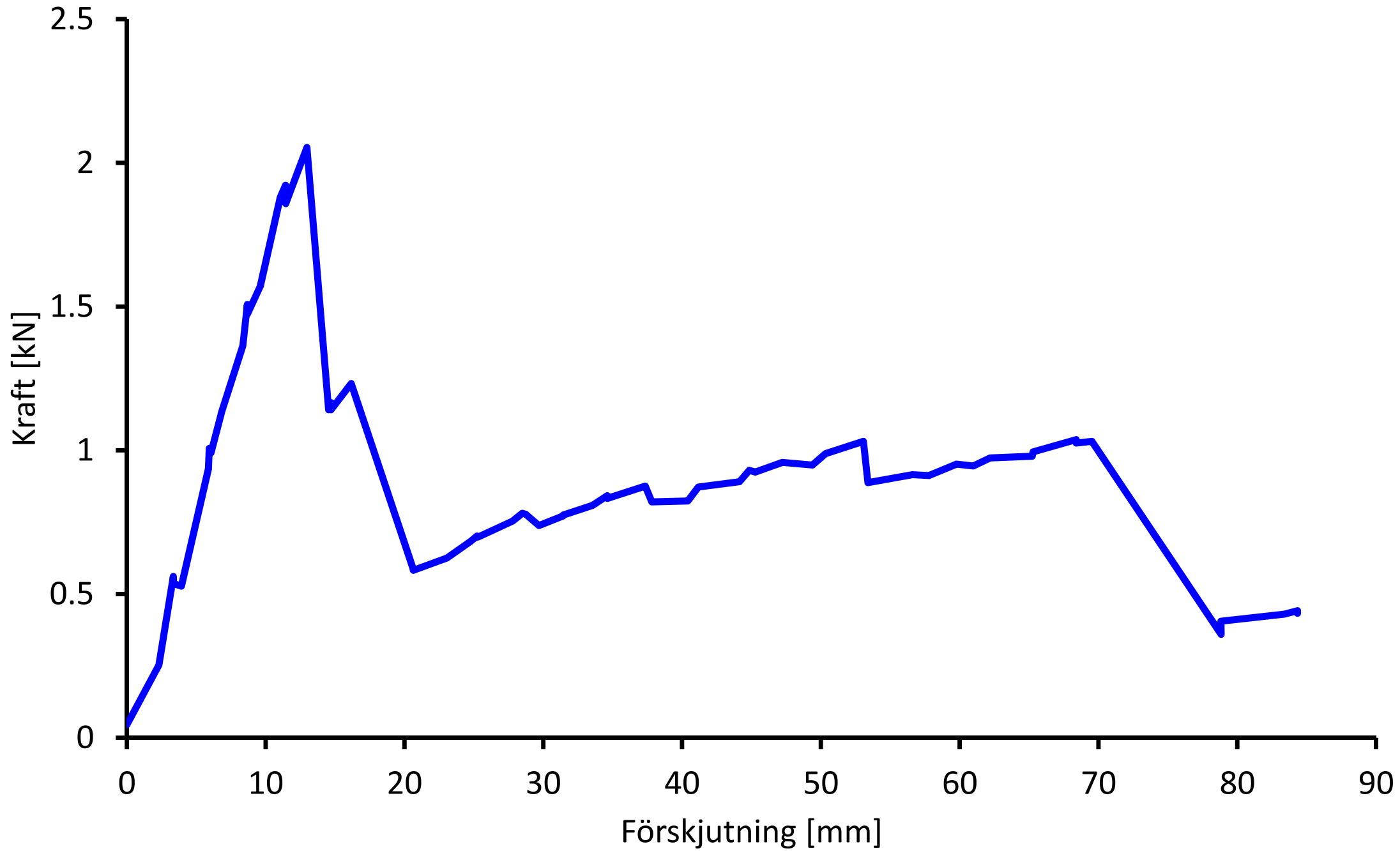


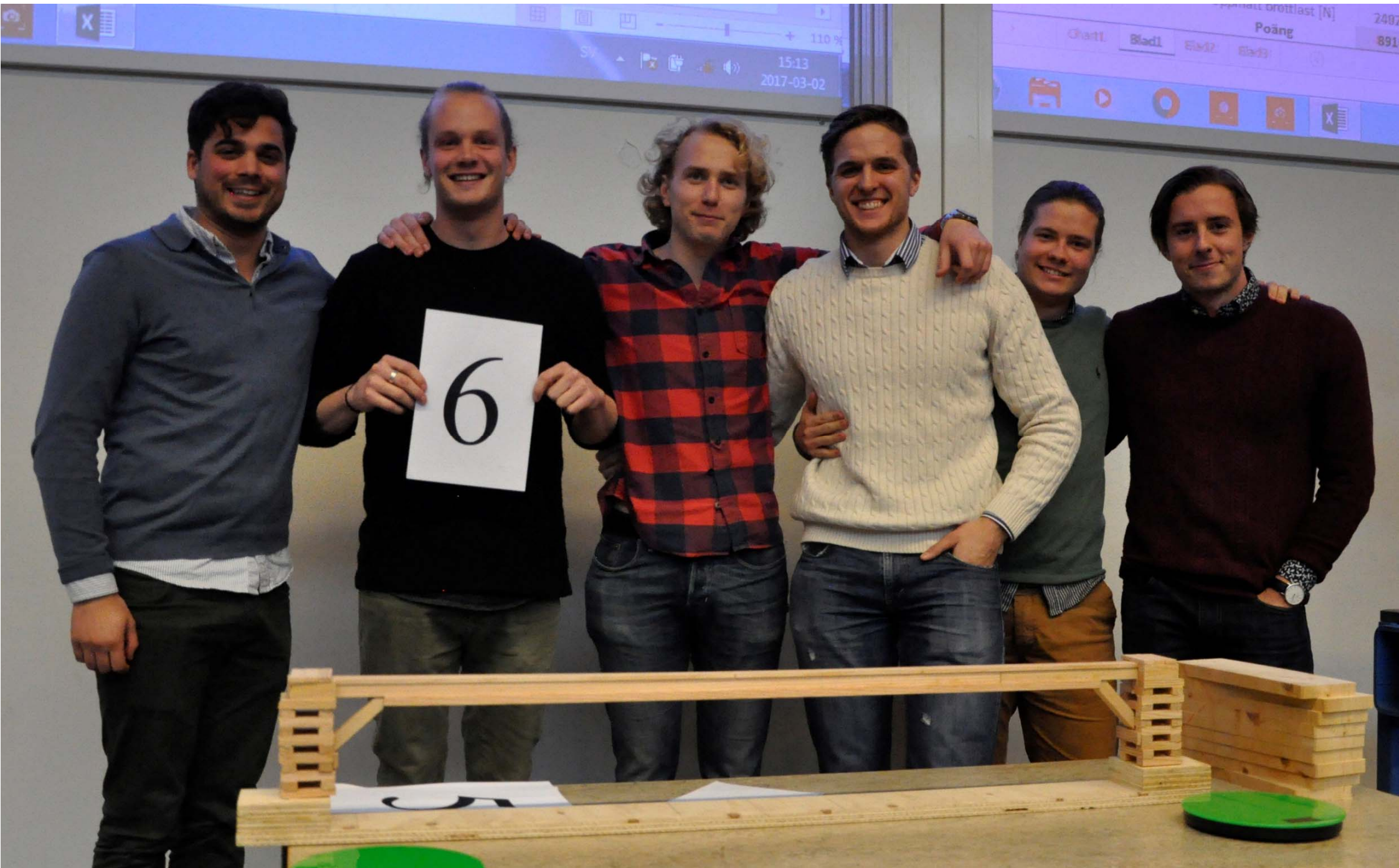




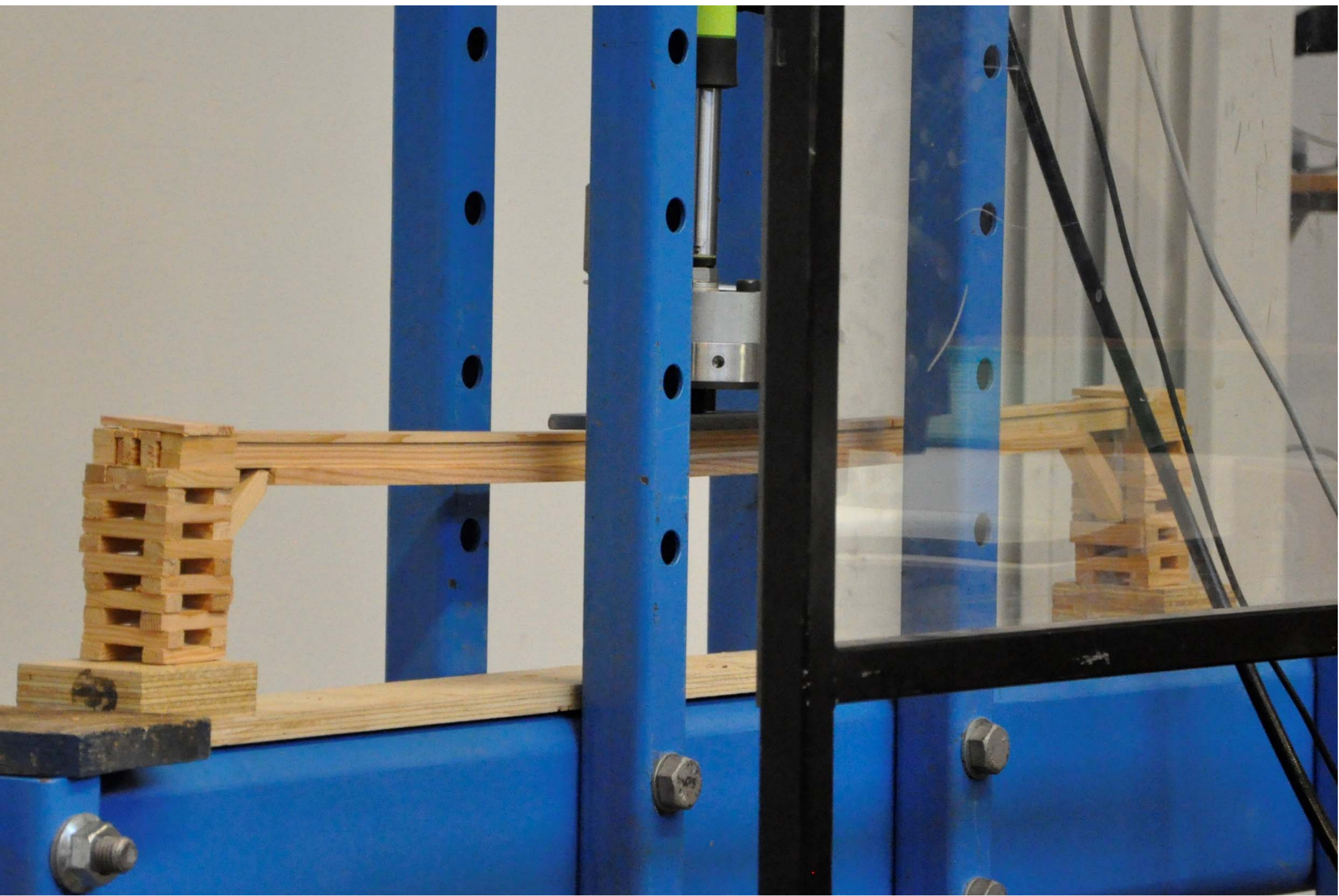


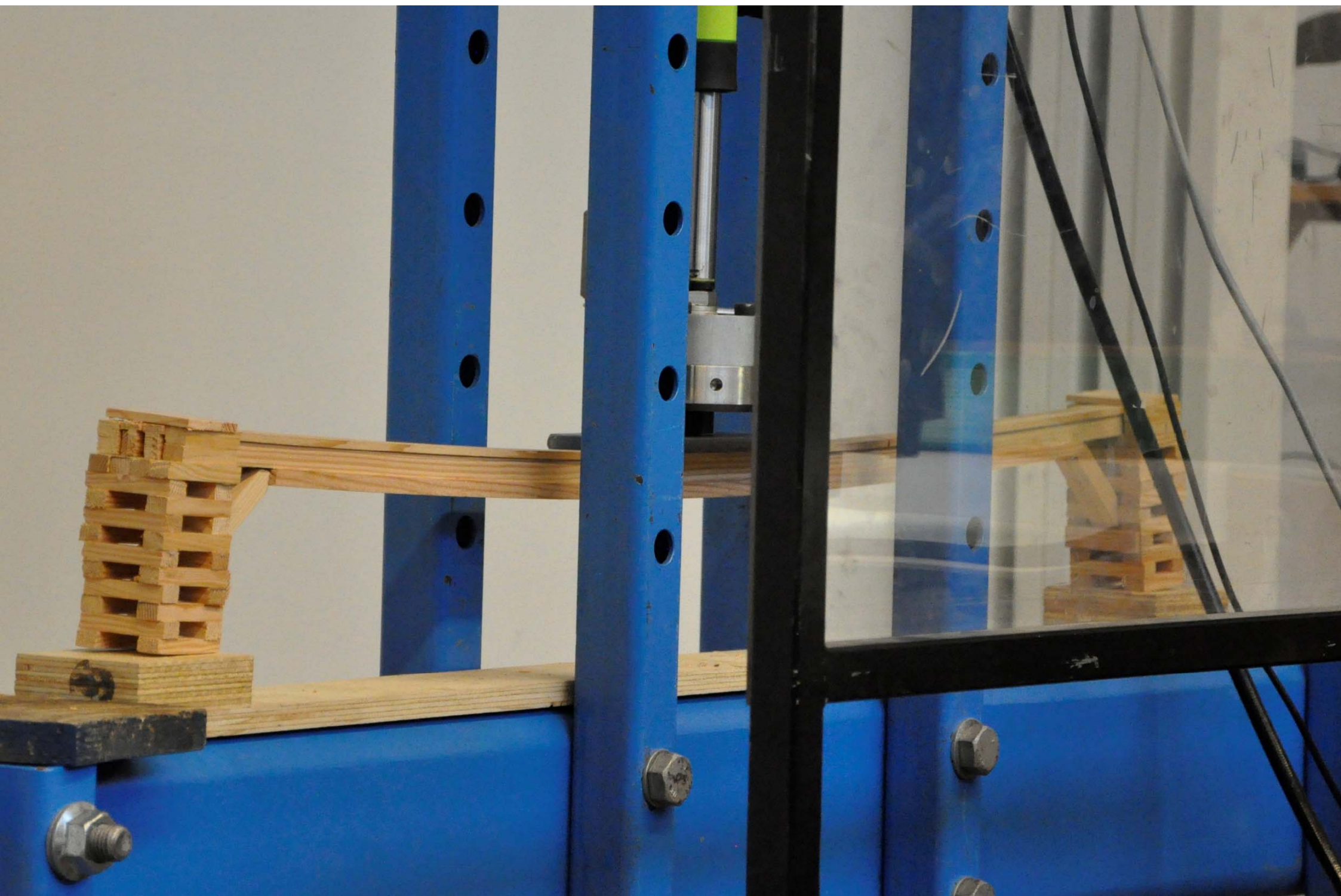
Grupp 5

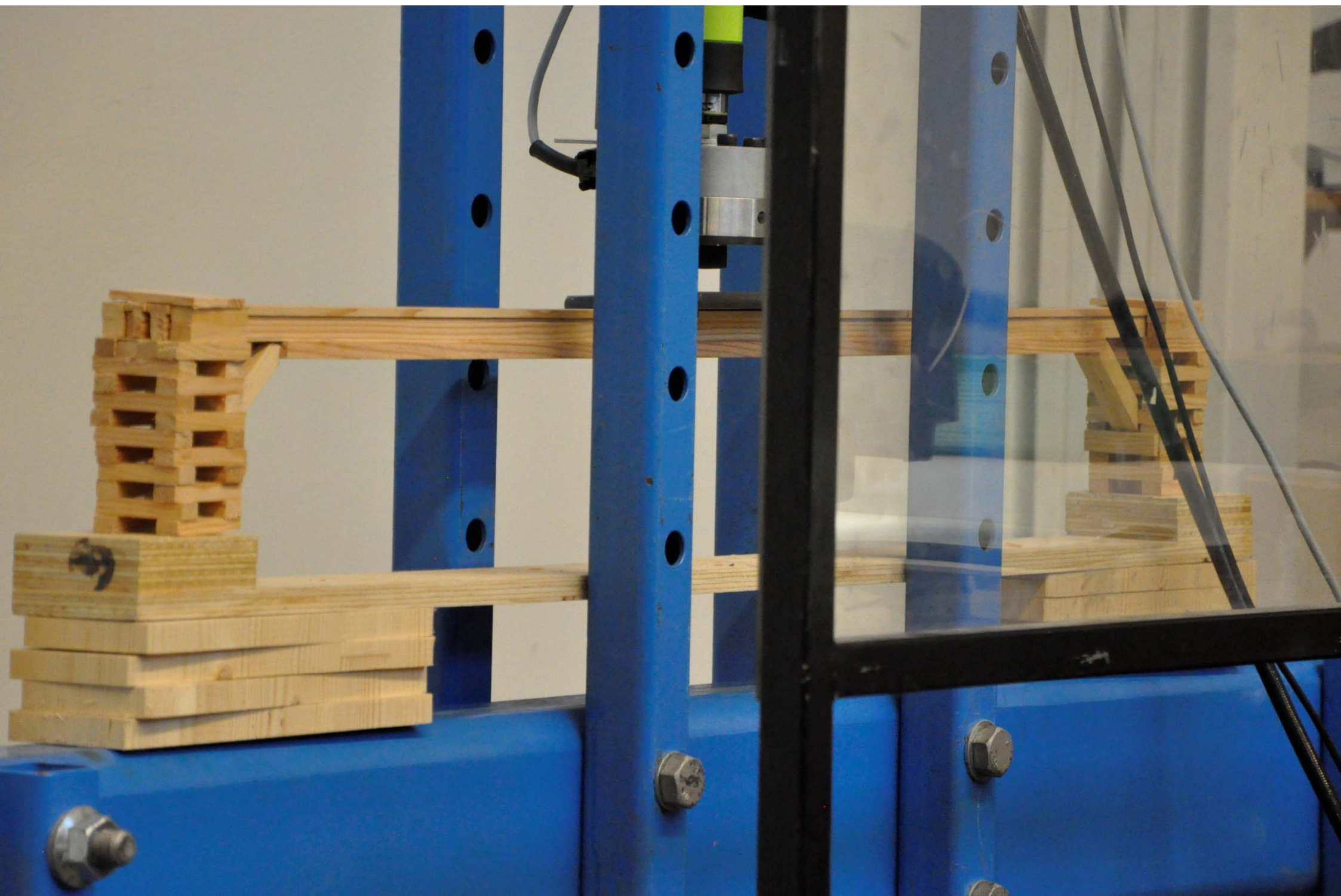


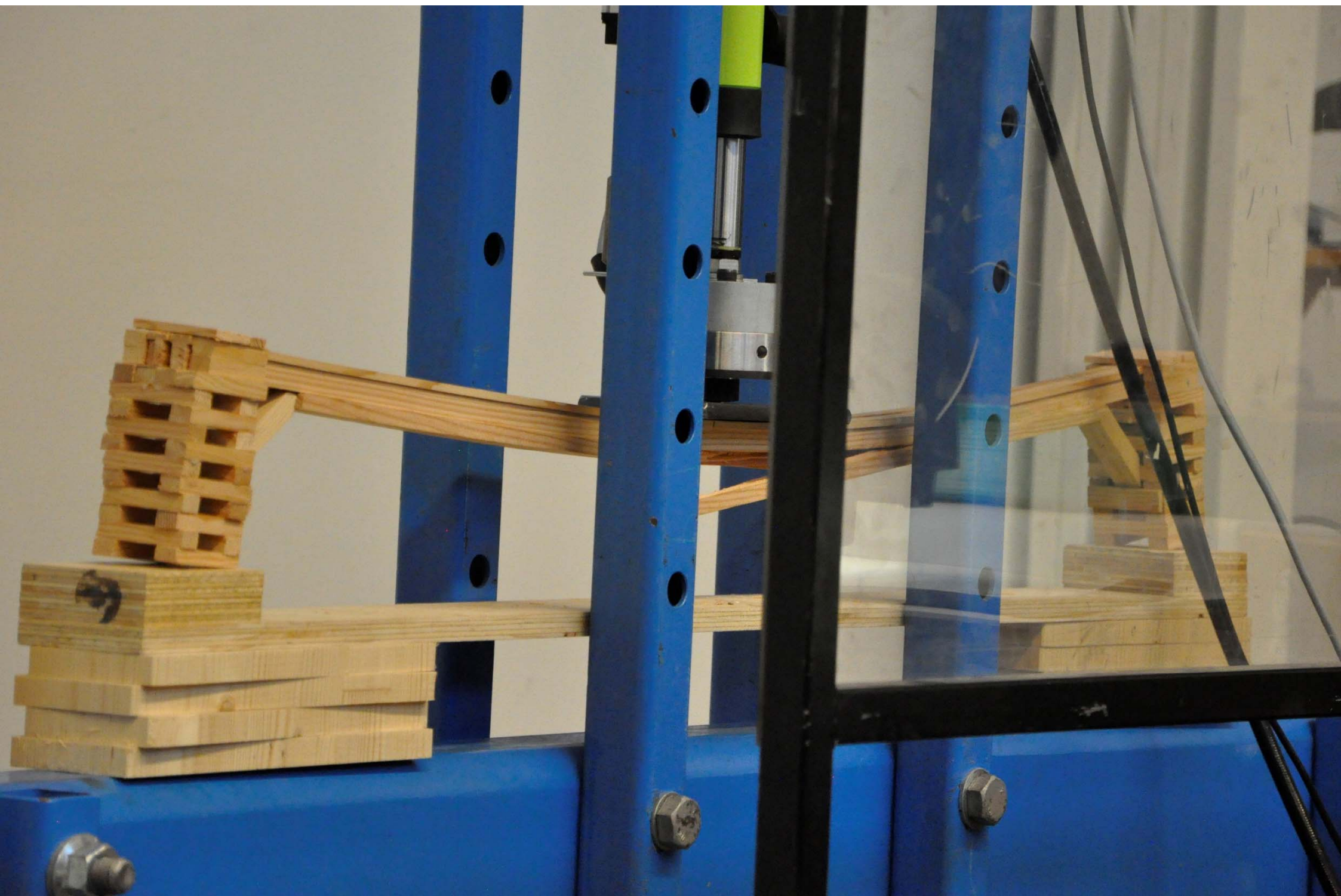




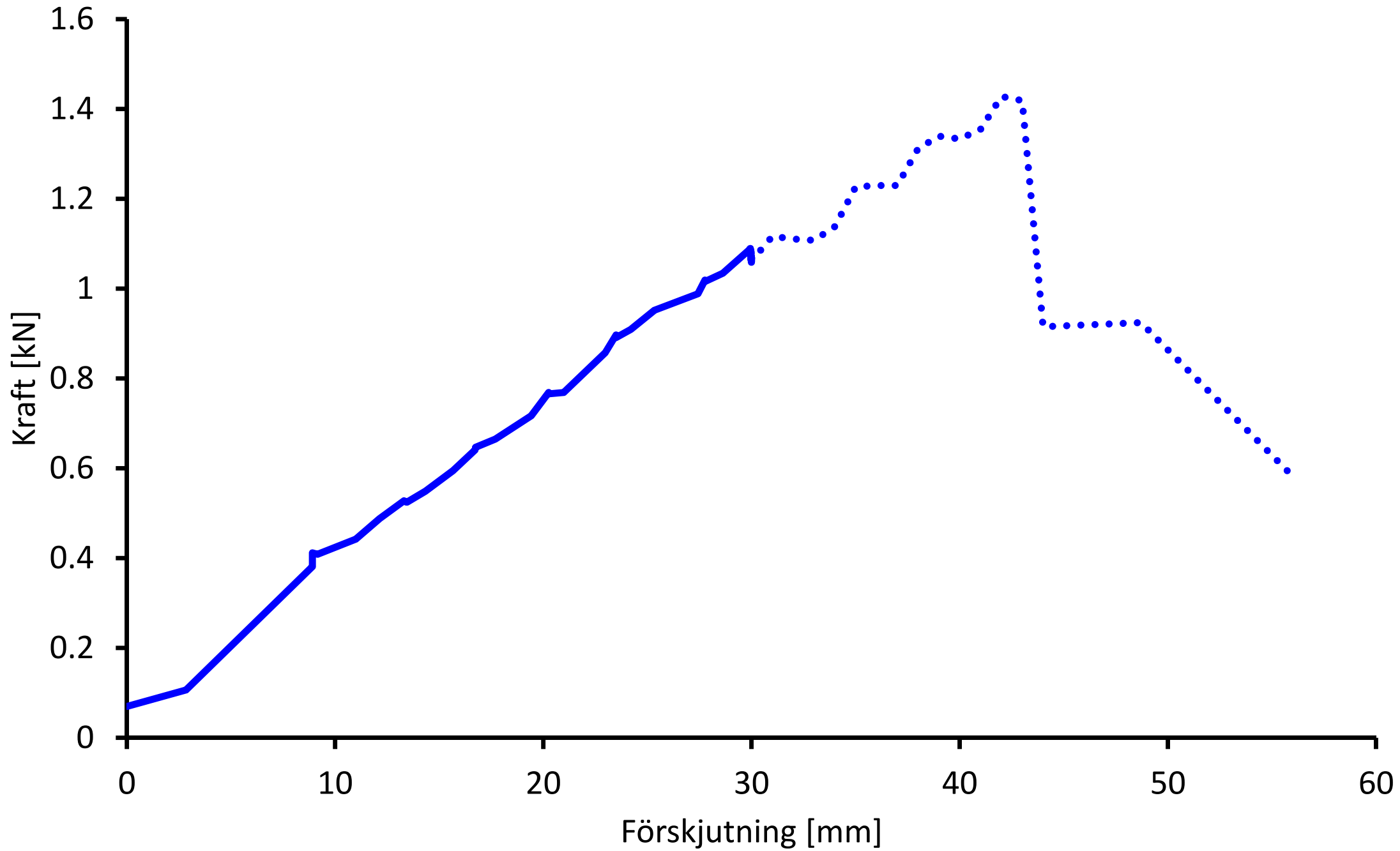








Grupp 6



		Grupp 1	Grupp 2	Grupp 7	Grupp 4	Grupp 5	Grupp 6
1. Material och dimensioner	Godkänd [ja/nej]	ja	ja	ja	nej	ja	ja
	Poäng	0	0	0	-1000	0	0
2. Brons vikt	Vikt [g]	868	931	760	1501	939	750
	Poäng	1132	1069	1240	499	1061	1250
3. Juryns bedömning	Vedad	180	270	230	190	300	170
	Per-Johan	200	300	400	200	380	250
	Henrik	200	230	280	240	320	180
	Poäng	580	800	910	630	1000	600
4.a Bedömd styvhet	Uppskattad styvhet [N/m]	25500	145000	36700	800000	160000	31700
	u(P1 ca 700N) [mm]	5.45	3.7	9.05	2.43	3.34	15.67
	u(P2 ca 1000N) [mm]	8.18	5.94	16.75	3.36	6.84	29.89
	P1	705	717	528	531	516	525
	P2	1038	1034	1041	1218	1089	1016
	Uppmätt styvhet [N/mm]	121978	141518	66623	738710	163714	34529
Poäng	684	990	820	967	991	967	
4.b Bedömd brottlast	Uppskattad brottlast [N]	1098	1200	3660	3240	1100	1450
	Uppmätt brottlast [N]	2402	4886	2322	2148	2010	1428
	Poäng	891	849	885	898	909	997
4.c Styvhet i förhållande till övriga	Poäng	231	268	126	1399	310	65
4.d Brottlast i förhållande till övriga	Poäng	190	386	183	170	159	113
TOTAL POÄNG		3708	4362	4165	3563	4430	3992



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