

Table 8. Rotated component matrix - 14.76 tex (40 Ne) carded yarn linear density.

No.	Variables	Ring frame condition	Process parameters in roving	Quality parameters	Multiple effect of all parameters	Raw material effect
1	HOK	0.847				
2	Spindle production	0.595				
3	End breaks	0.802				
4	Top arm roller pressure-front	0.856				
5	Top arm roller pressure-middle	0.915				
6	Top arm roller pressure-back	0.870				
7	Machine utilisation	0.580				
8	Roving production		0.621			
9	CSP			0.650		
10	YQI			0.777		
11	Yarn realisation			0.920		
12	Lead time				0.740	
13	UKG				0.542	
14	FQI					0.886
	Initial Eigen values	4.621	2.876	1.367	1.258	1.111
	% of variance	24.840	19.290	13.893	11.509	10.708
	Cumulative %	24.840	44.130	58.023	69.531	80.240

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International Conference

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September 8-9, 2016, Lodz University of Technology, Lodz, Poland

Programme

08. 09.2016 Thursday

8.00 – 9.00 Registration
 9.00 – 9.30 Opening ceremony
 9.30 –10.45 Session 1. Biodeterioration of historical buildings, monuments, frescos & wall paintings.
 Chairperson: Christine Gaylarde
 10.45 – 11.45 Poster session and coffee break
 11.45 – 13.00 Session 2. Biodeterioration of archival documents, paper & photos.
 Chairperson: Flavia Pinzari
 13.00 – 14.15 Session 3. Biodeterioration of historical textiles.
 Chairperson: Beata Gutarowska
 14.15 – 16.15 Lunch
 16.15 – 17.30 Session 4. Biodeterioration of historical wood.
 Chairperson: Kale Pilt
 19.00 Conference dinner

09.09.2016 Friday

9.00 – 10.15 Session 5. Biodeterioration of historical objects stored underwater.
 Chairperson: Brenda Little
 10.15 – 11.15 Poster session and coffee break
 11.15 – 12.30 Session 6. Methods of investigation.
 Chairperson: Katja Sterflinger
 12.30 – 13.45 Session 7. Protection, disinfection & conservation methods.
 Chairperson: Thomas Warscheid
 13.45– 14.45 Closing ceremony
 14.45 – 15.45 Lunch
 16.00 Sightseeing of Łódź

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