

Fig .1. The area of sampling. Parco san Giuliano, Mestre-Venice, Italy.



Fig 2. Filaments attached to a streetlamp in the park. (Parco San Giuliano, Mestre-VE)



Fig 3. Different magnification of filaments attached to a trash can. (Parco San Giuliano, Mestre-VE)



Fig 4. Filaments attached to a sign. (Parco San Giuliano, Mestre-VE)

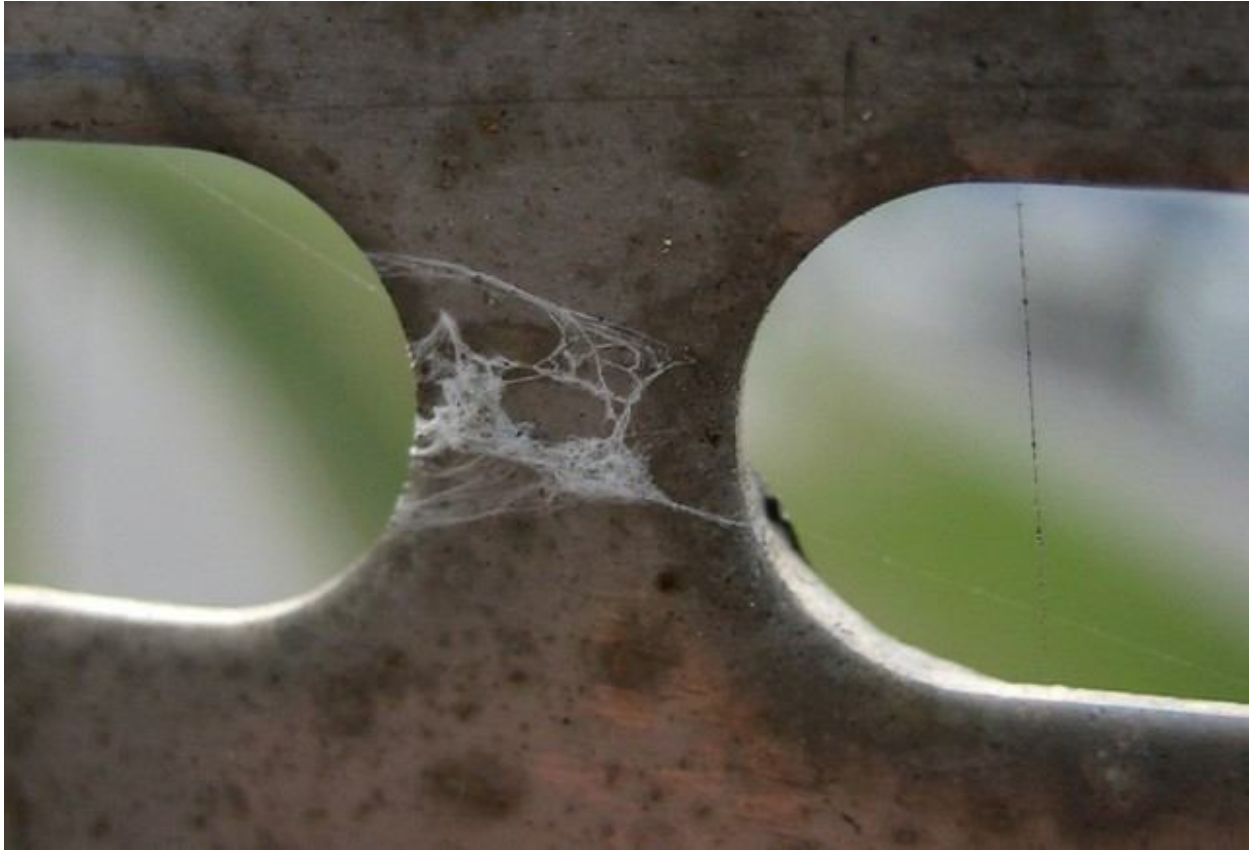


Fig 5. Filaments attached on a metallic grating of a bridge (Mestre-VE).



Fig 6. Spider web attached behind a sign. (Parco San Giuliano, Mestre-VE).

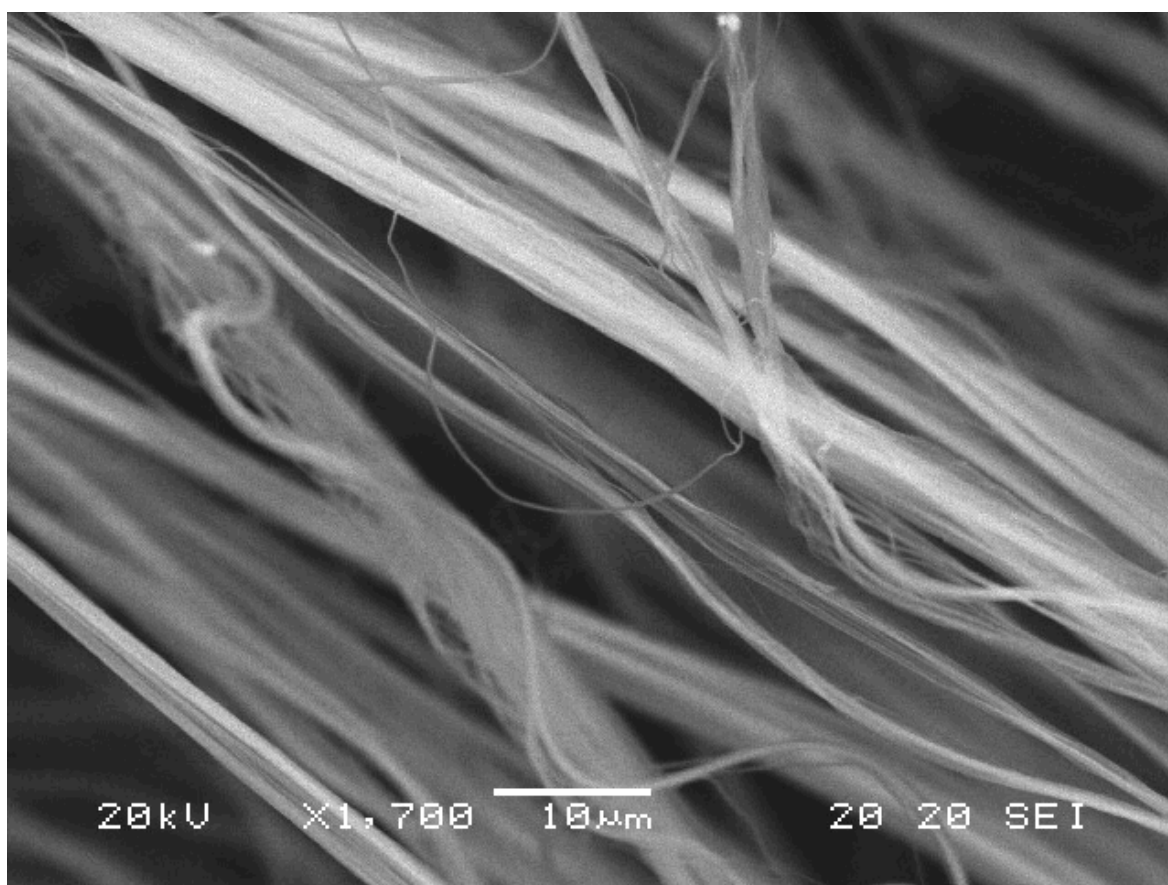


Fig 7. Sample B. SEM micrograph. 1700x.



Fig 8. Sample C. SEM micrograph. 1300x.

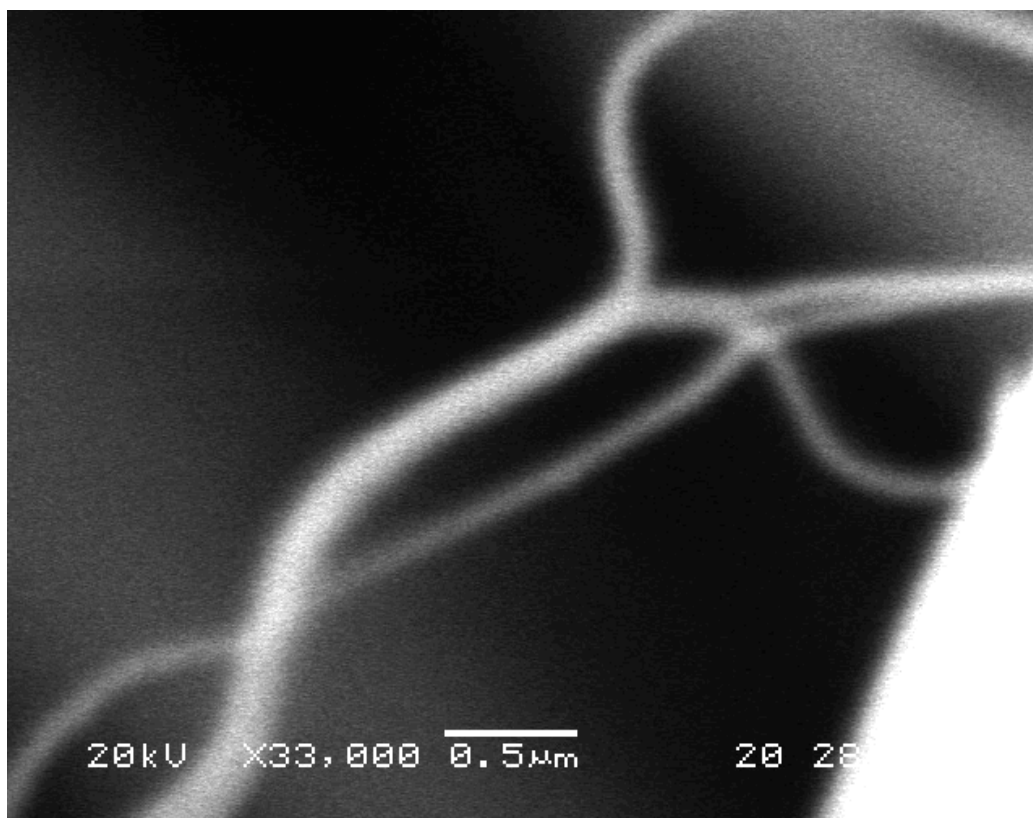
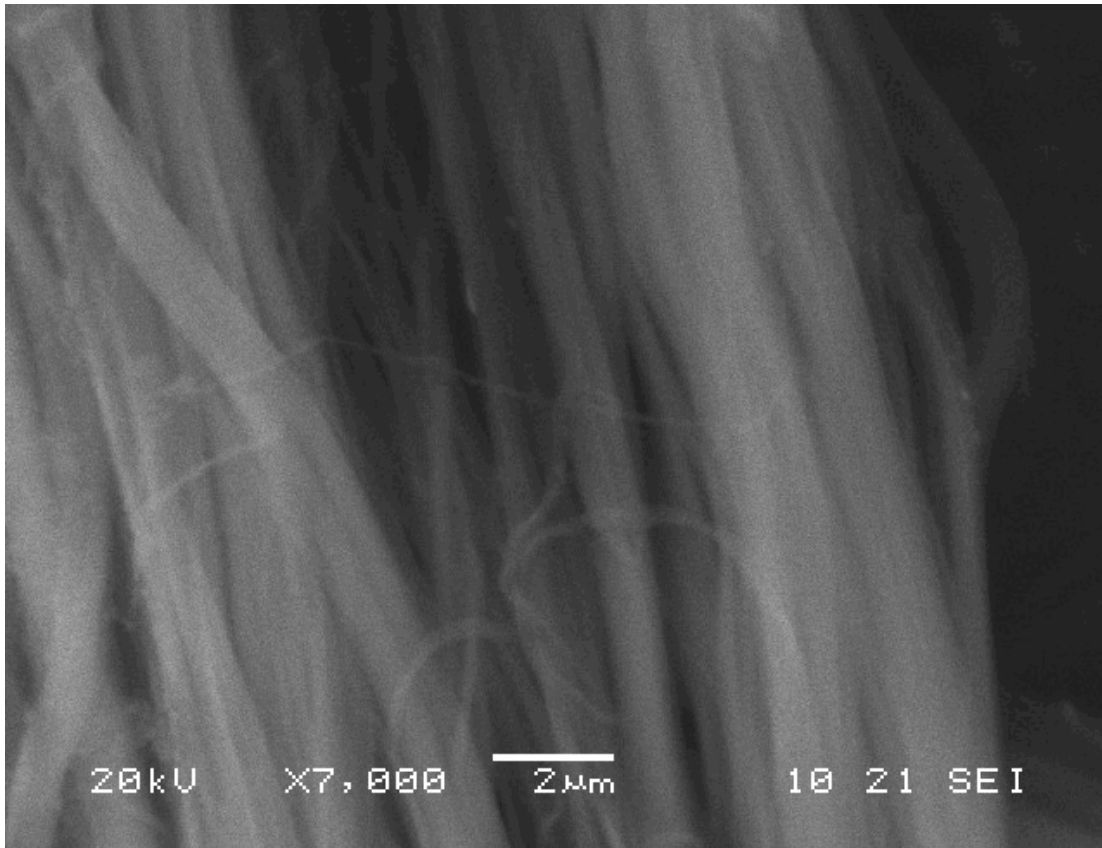


Fig 9 Filament structure. Fiber bundles and single fibers. SEM micrograph. 7000x.

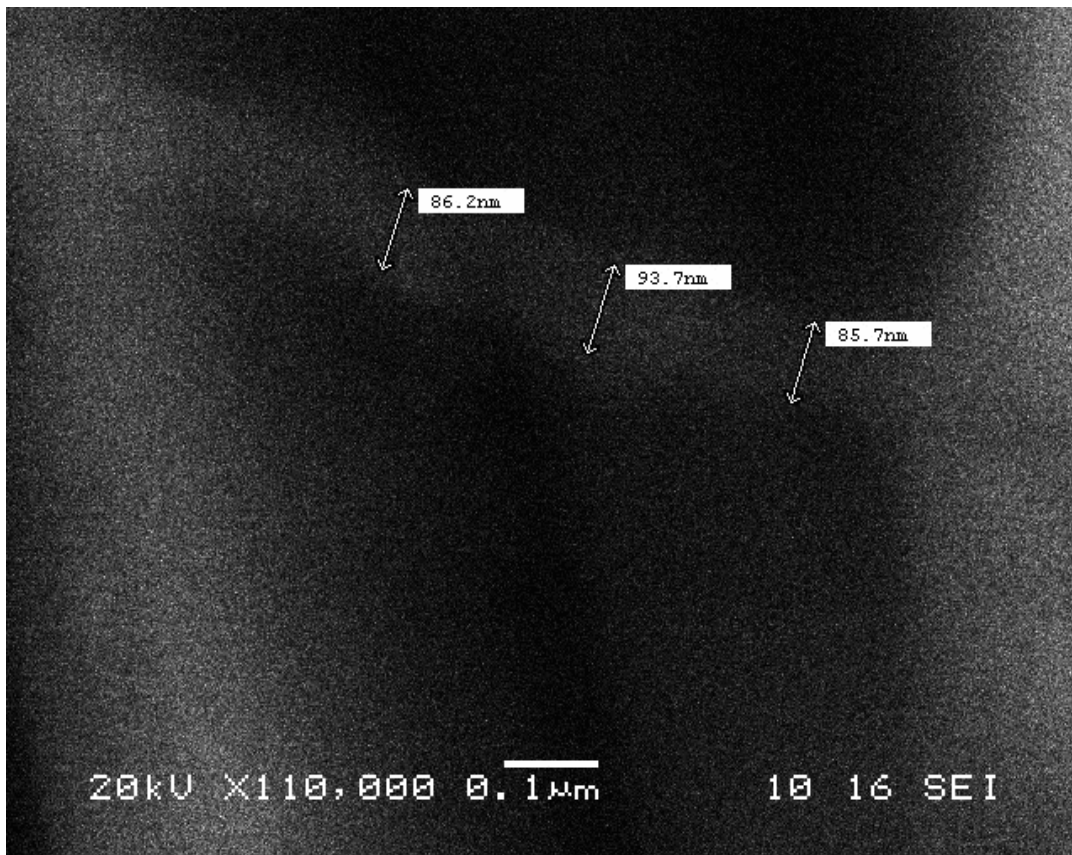


Fig 10. Magnification of the first image in Fig.9. Measurement of single fiber. SEM micrograph. 110.000x.

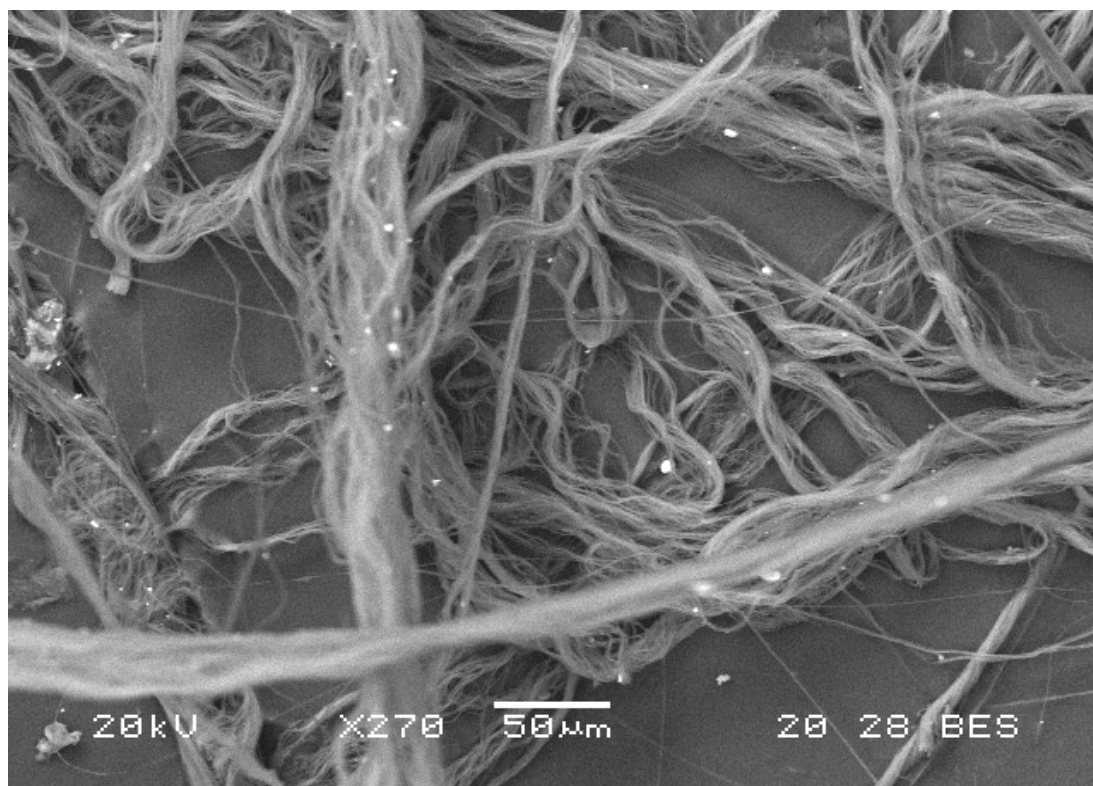


Fig. 11 Particles on the fibers. Sample B. SEM BES micrograph. 270x.

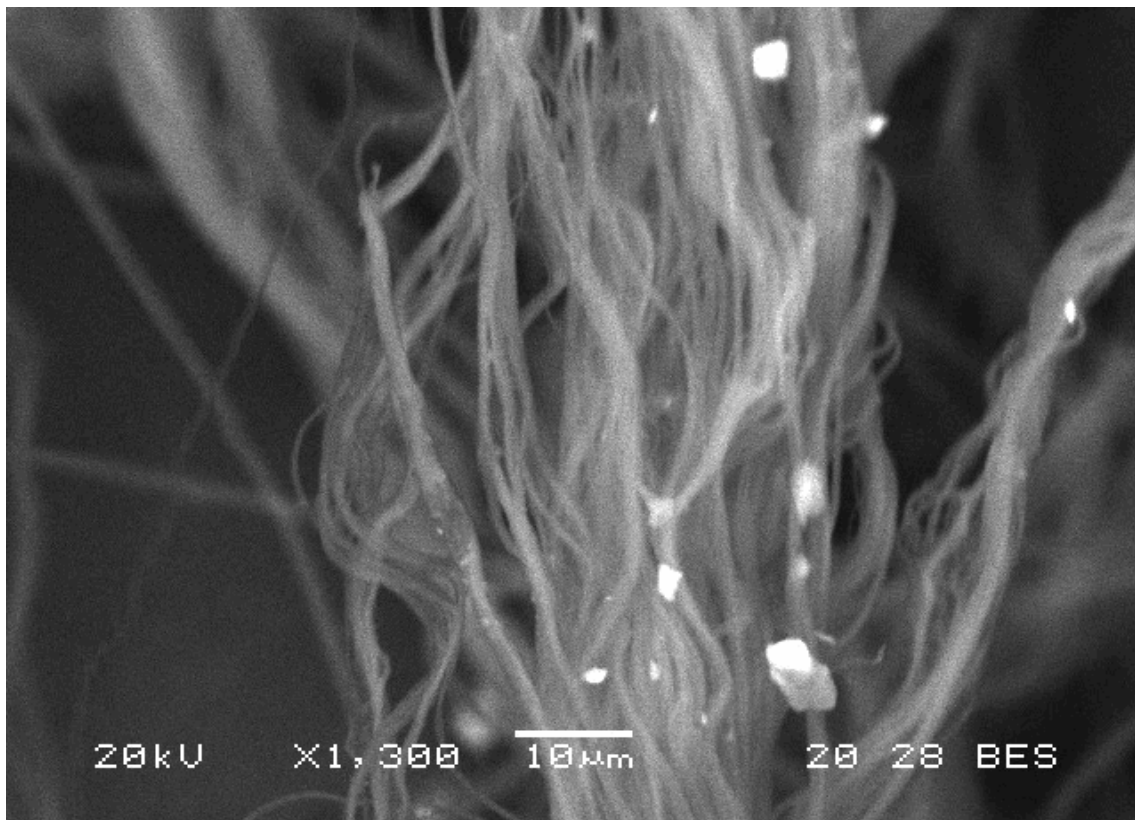


Fig. 12 Particles on the fibers. Sample B. SEM micrograph. 1300x.

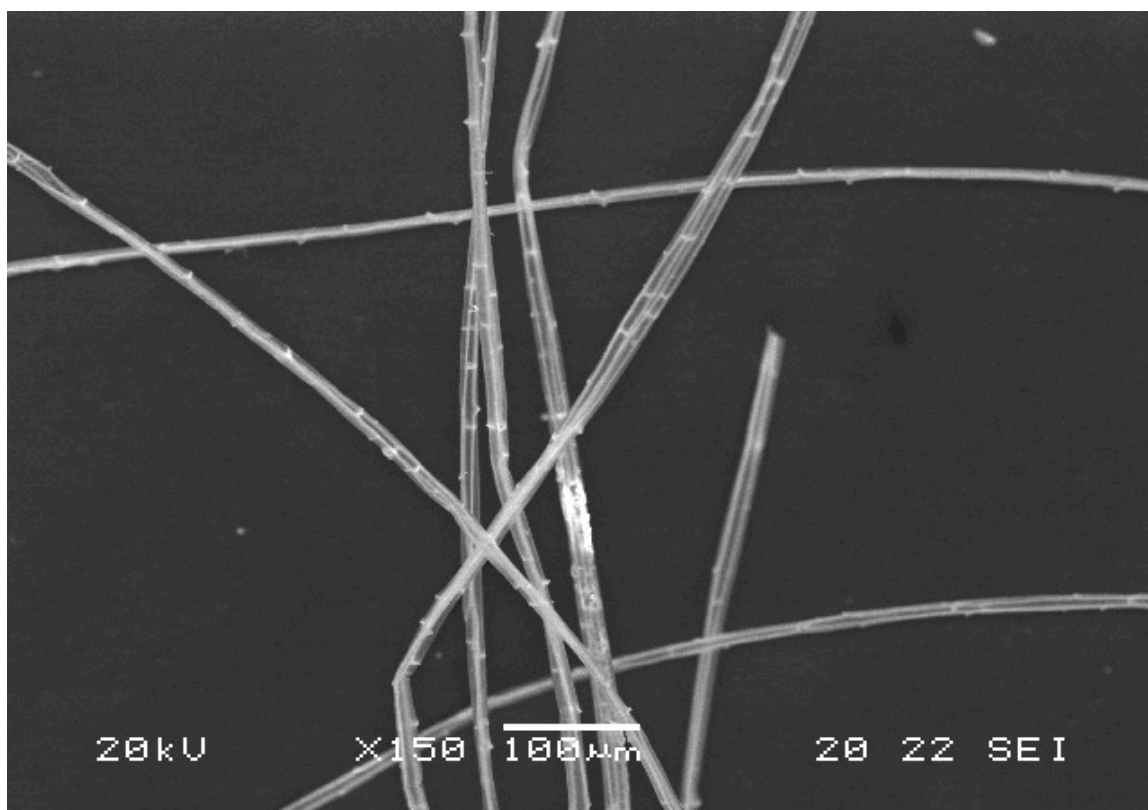


Fig 13 Sample C. SEM micrograph. 150x.

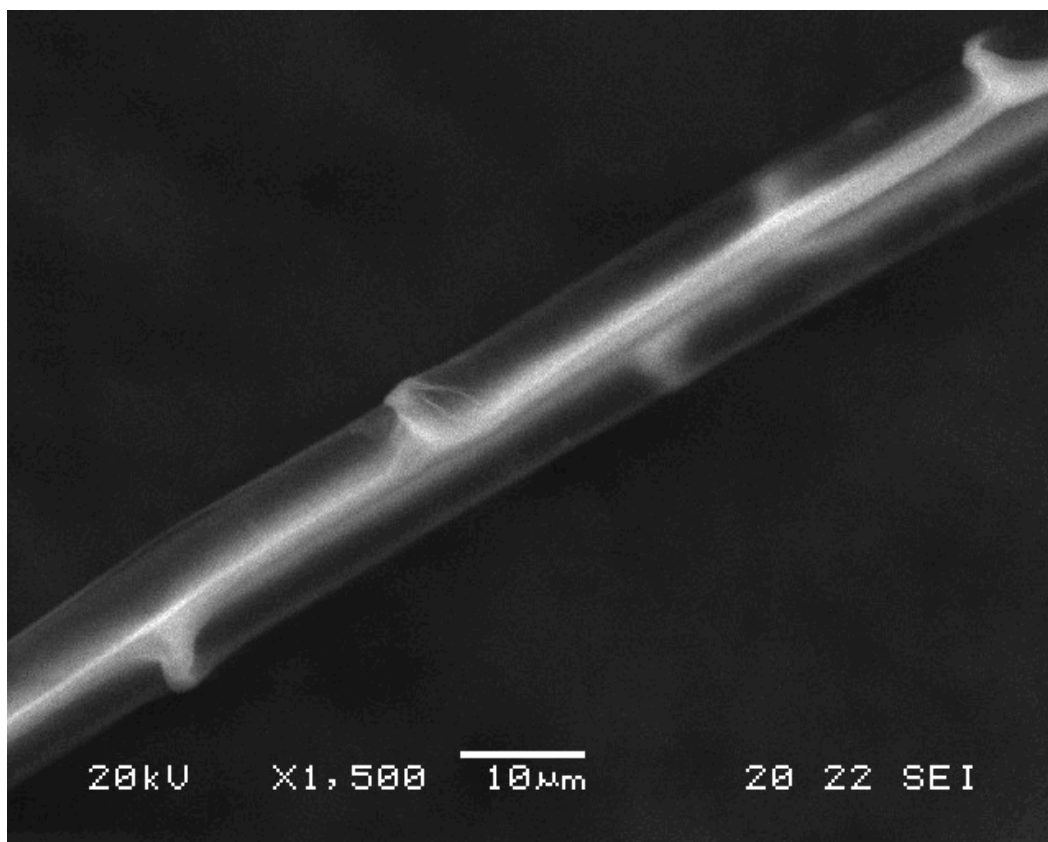


Fig. 14 Filament of Sample C. SEM micrograph. 1500x.

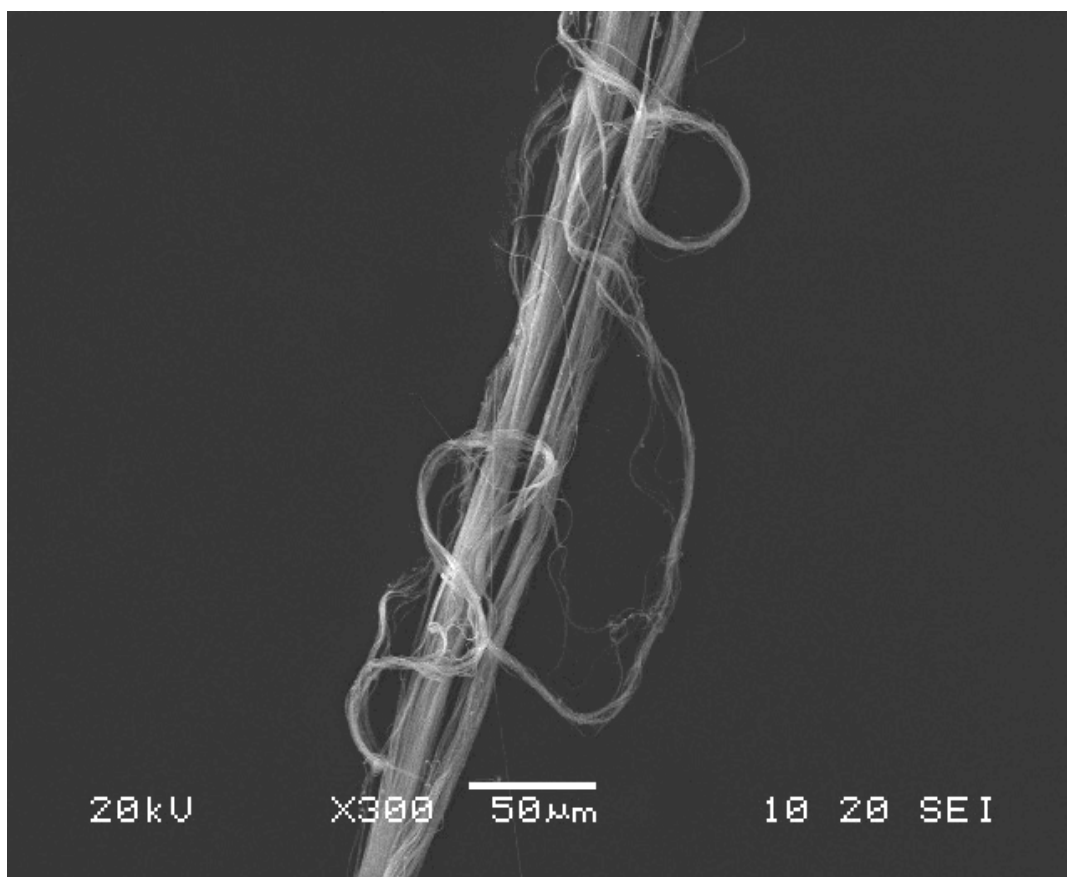


Fig. 15 Filament of Sample A. SEM micrograph. 300x.

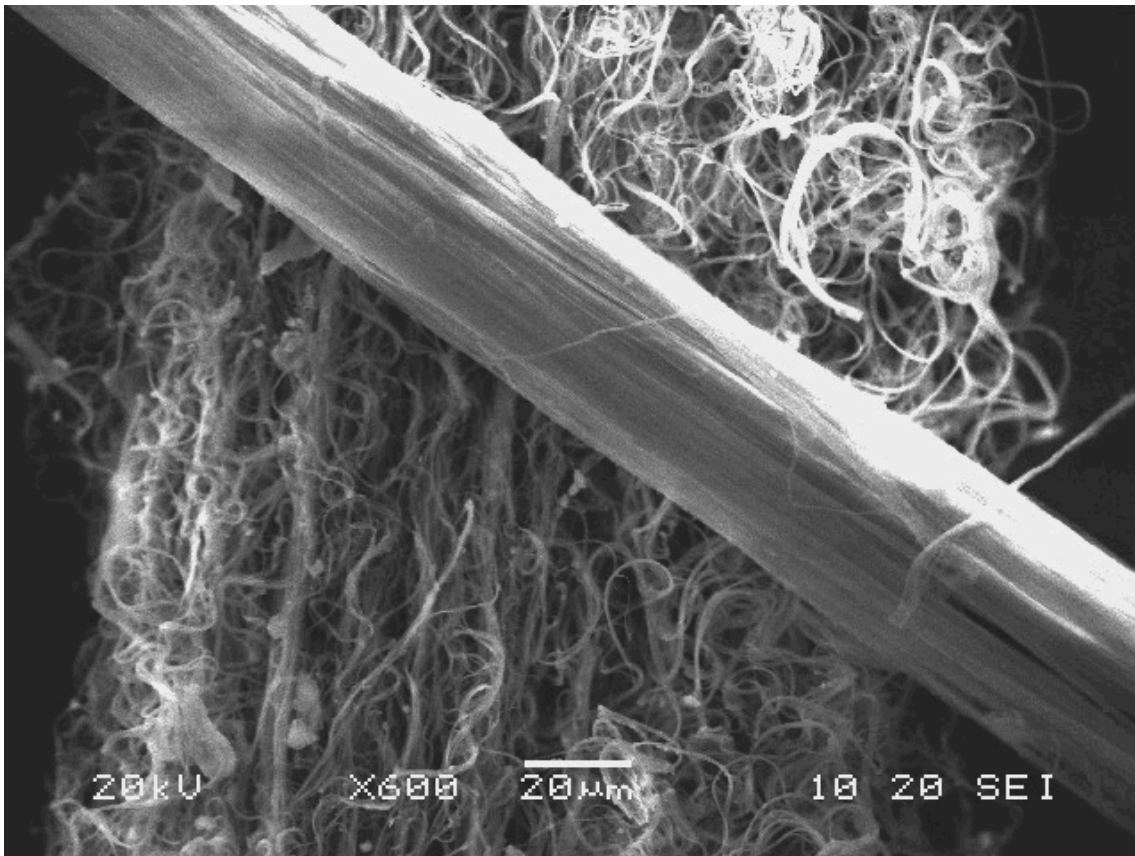


Fig 16. Comparison between ordered bundles of fibers (above) and frayed ones (below). Sample A. SEM micrograph. 600x.

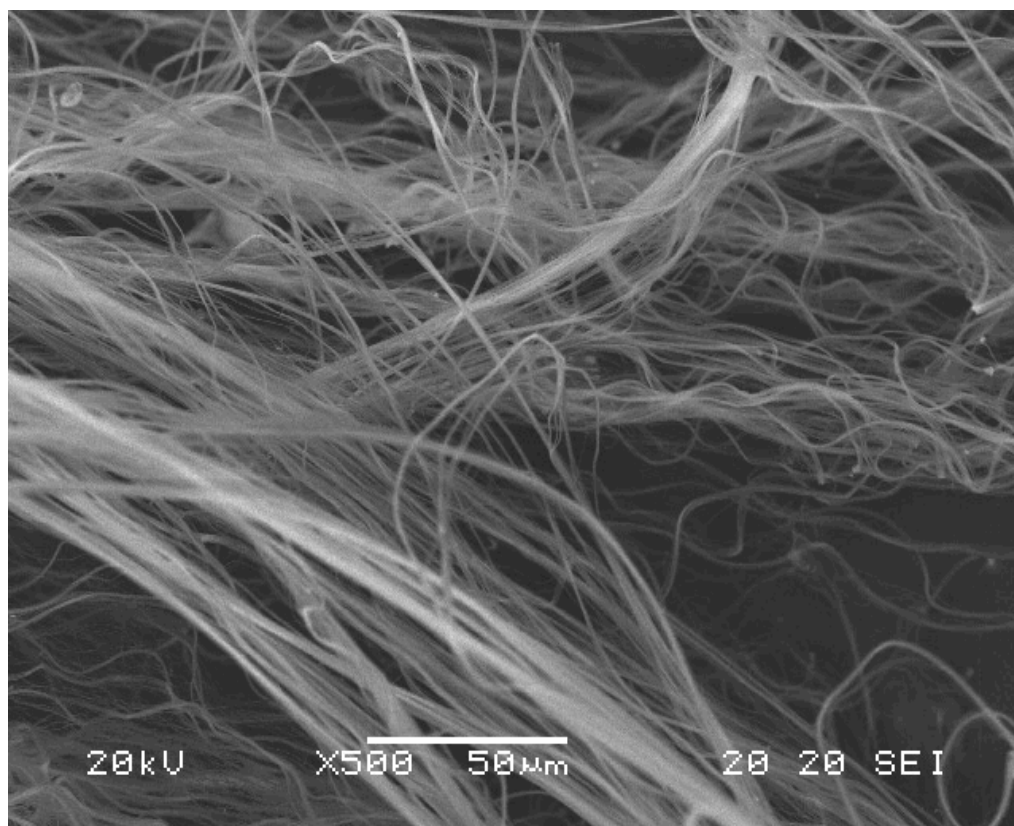


Fig 17. Disarranged bundles. Sample A. SEM micrograph. 500x.

	A	A	B	B	C	C	11/8	11/8
C	70.03	68.99	72.46	71.61	72.12	71.03	74.46	74.27
O	28.25	29.83	27.17	28.01	27.17	28.45	24.69	24.29
Na	0.60	0.41	0.08*	0.12	0.43	0.24	0.35	0.40
Mg	0.08	0.06	-0.01*	-0.01*	0.03	0.02*	0.03*	0.17
Al	0.04	0.01*	0.07	0.02*	0.00*	0.00*	0.01*	0.15
Si	0.07	0.12	0.13	0.09	0.02	0.05	0.16	0.21
S	0.16	0.13	0.09	0.14	0.04	0.09	0.11	0.08
Cl	0.47	0.22	0.00*	0.01*	0.13	0.06	0.16	0.24
K	0.05	0.03	0.01*	0.00*	0.03	0.04	0.02*	0.13
Ca	0.25	0.19	0.00*	0.02	0.01	0.03	0.00*	0.07

Tab.1 Elemental composition of samples A, B, C and previous sample 11/8. Two set of data are presented for each sample. Negative and * values have not to be considered (* = <2 Sigma);