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Editorial

Published online: 4 July 2006
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In July 2006, Colloid and Polymer Science (CPS) celebrates its 100th anniversary. The list of authors who published in CPS during this period reads like a “who is who” in colloid and polymer science of the past century. It includes Nobel prize winners like R. Zsigmondy (Chemistry 1925), T. Svedberg (Chemistry 1926), I. Langmuir (Chemistry 1932), H. Staudinger (Chemistry 1953), G. Natta (Chemistry 1963), P.G. de Gennes (Physics 1991), and researchers of highest rank like Wolfgang Ostwald, W. Kuhn, K. Blodgett, H. Ringsdorf, J.E. Mark, E.W. Fischer and H.W. Spiess—to name a few.

CPS, right from the beginning in 1906, was an international journal with board members from all over the world. Despite of this fully international scope, the publishing language was German—CPS started as “Zeitschrift für Chemie und Industrie der Kolloide.” This proves that the industrial impact of colloid research was already evident at that time. With its discovery by H. Staudinger and the vivid discussions on their structure, polymers gained eminent importance in academic research and for technology, especially after the second World War. In response to this development, the title of the journal was changed into “Kolloid-Zeitschrift und Journal für Polymere.” Finally, in

1974, it was renamed as “Colloid and Polymer Science” and the language became English.

The scope of CPS has lost nothing of its importance within the last century. Colloid *and* polymer science *is* a field of highest scientific as well as technological relevance. Nowadays, CPS is present on a worldwide scale with regional editors in nearly all continents and an editorial board representing all the different disciplines of colloid and polymer research, ranging from synthesis of colloidal and polymer systems to investigation of their fundamental physical properties.

In the present issue manuscripts are collected from leading researchers in their field. It reflects the broadness of the research published in CPS. In the second part historical articles are summarized to document the strength and continuity in which this journal expects its future.

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Celebrating 100 years of *Colloid and Polymer Science*

At the end of the print version of this issue the following papers are reprinted:

Pauli W:

Beziehungen der Kolloidchemie zur Physiologie

Zeitschrift für Chemie und Industrie der Kolloide (1906) 1:101-107

DOI:10.1007/BF01828694

Svedberg T:

Zur Kenntnis der Stabilität Kolloidaler Lösungen

Zeitschrift für Chemie und Industrie der Kolloide (1906) 1:161-164

DOI:10.1007/BF01758875

Ostwald W:

Einige Bemerkungen zur Systematik der Kolloide

Zeitschrift für Chemie und Industrie der Kolloide (1908) 3:28-30

DOI:10.1007/BF01466185

Zsigmondy R, Bachmann W:

Handhabung des Immersionsultramikroskops

Kolloid-Zeitschrift, Zeitschrift für Wissenschaft und technische Kolloidchemie (1914) 14:281-295

DOI:10.1007/BF01423340

Straudinger H:

Über Isopren und Kautschuk: Über die Elastizität des Kautschuks

Kolloid-Zeitschrift, Zeitschrift für Wissenschaft und technische Kolloidchemie (1932) 60:296-289

DOI:10.1007/BF01429785

Kuhn W:

Über die Gestalt fadenförmiger Moleküle in Lösungen

Kolloid-Zeitschrift, Zeitschrift für Wissenschaft und technische Kolloidchemie (1932) 68:2-15

DOI:10.1007/BF01451681

Langmuir I, Blodgett KB

Über einige neue Methoden zur Untersuchung von monomolekularen Filmen

Kolloid-Zeitschrift, Zeitschrift für Wissenschaft und technische Kolloidchemie (1935) 73:257-263

DOI:10.1007/BF01428777

Müller FH:

Theoretische Betrachtungen über das dielektrische Verhalten des Kautschuks

Kolloid-Zeitschrift, Zeitschrift für Wissenschaft und technische Kolloidchemie (1936) 77:60-67

DOI:10.1007/BF01422133

Natta G, Baccaredda M:
Ultraschallgeschwindigkeit in Hochpolymeren
[Kolloid-Zeitschrift, Zeitschrift für Wissenschaft und technische Kolloidchemie \(1951\) 120:190-198](#)
[DOI:10.1007/BF01513318](#)

Diefenbach H, Müller FH, Ringsdorf H:
Darstellung und Polymerisation von S-Vinyl-methylendisulfonen: V. Untersuchung von O-, S- und N-Vinylverbindungen
[Kolloid-Zeitschrift & Zeitschrift für Polymere \(1966\) 209:141-151](#)
[DOI:10.1007/BF01500632](#)

Kaiser J, Wegner G, Fischer EW:
Das Wachstum von Polymerketten im Kristallgitter des Monomeren
[Kolloid-Zeitschrift, Zeitschrift für Polymere \(1972\) 250:1158-1161](#)
[DOI:10.1007/BF01498899](#)

Tang M-Y, Letton A, Mark JE:
Impact resistance of unfilled and filled bimodal thermosets of poly(dimethylsiloxane)
[Colloid and Polymer Science \(1984\) 262:990-992](#)
[DOI:10.1007/BF01490032](#)

Gennes PG de:
Deposition of Langmuir-Blodgett layers
[Colloid and Polymer Science \(1986\) 264:463-465](#)
[DOI:10.1007/BF01419552](#)

Lukascheck M, Müller S, Hasennindl S, Schmidt C, Grabowski DA:
Lamellar lyomesophases under shear as studied by deuterium nuclear magnetic resonance
[Colloid and Polymer Science \(1996\) 274:1-7](#)
[DOI:10.1007/BF00658902](#)

Abetz V, Dardin A, Stadler R, Hellmann J, Samulski ET, Spiess HW:
Orientation of polybutadiene chains in a thermoplastic elastomer
[Colloid and Polymer Science \(1996\) 274:723-731](#)
[DOI:10.1007/BF00654667](#)

J. Fritsch, W. Stille, G. Strobl:
Investigation of polymer crystallization kinetics with time dependent light attenuation measurements
[Colloid and Polymer Science \(2006\) 284:620-626](#)
[DOI:10.1007/s00396-005-1408-0](#)