

by Randolph Riemschneider Bibliotheque: World Wide

#### 75 Years Chemistry: Re-Reading

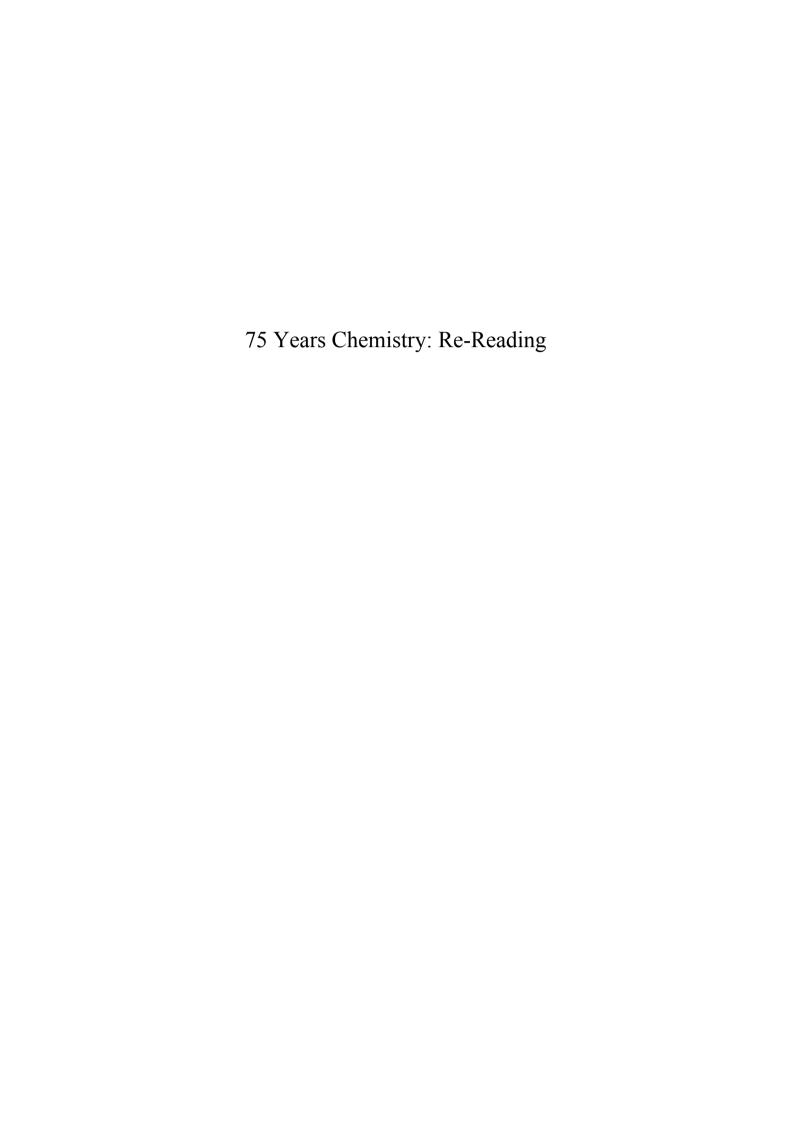
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## RANDOLPH RIEMSCHNEIDER

75 Jahre Chemie - Nachlese

# 75 YEARS CHEMISTRY RE-READING

## Dedicated by the author with gratitude

to the Brazílian Federaf University Santa María in Santa Maria, Río Grande do Sul headed by the Reitor of many years, Professor Dr. Jose Mariano da Rocha Filho, to the Japanese Kyoto University and to Professor Dr Sankei Takei, head of the Institute of Agricultural Chemistry

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> Randolph Riemschneider, Berlin 2010

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#### **PROJECT I**

Acyl derivatives of cyclic compounds - polyacyl chemistry permanganate oxydations - *o*-diacetylbenzene (*o*-Di) and analogues colour reactions of *o*-Di and ninhydrine polynitril chemistry

N-rich high energy, compounds

#### **PROJECT II**

Petrochemical subjects:

Cyclizing alkynes and alkenes to aromatics Synthesizing lubricating oil-like compounds Investigating "constitution and physical properties (v,d,n) of organic compounds", primarily with respect to their lubricating oil characteristics Formulas for rating viscosity-temperature dependence up to and including "method of maximum curvature  $C_{\rm max}$ " Si lanes as fuels and energy sources From methane to methanol Extract carbon - arc carbon Antiknocks  $C0_2$ -chemistry Warning

## v Epilogue to the Projects