

Submission for an invited session, organized by Ana Cristina Casimiro  
& Paula Pascoal-Faria

## **Invertibility of Fourier convolution operators with piecewise continuous symbols on classical and vari- able Lebesgue spaces**

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We extend results on the invertibility of Fourier convolution operators with piecewise continuous symbols on the Lebesgue space  $Lp(R)$ ,  $p \in (1, +\infty)$ , obtained by Roland Duduchava in the late 1970s, to the setting of variable Lebesgue spaces such that the Hardy-Littlewood maximal operator is bounded on  $Lp(R)$ .