

---

**ALCIDES LINS NETO**, IMPA

*Logarithmic foliations of codimension greater than one*

In this talk we consider foliations of codimension  $k \geq 1$  defined by closed logarithmic  $k$ -forms, both in the local case (germs) and in the global case on projective spaces. In the case of projective spaces, when the divisor of poles is normal crossing, we give normal forms and prove that a codimension  $k \geq 1$  foliation is the intersection of  $k$  codimension one logarithmic foliations.