## The Architecture of Jaca Cathedral The Project and its Impact

JAVIER MARTÍNEZ DE AGUIRRE

## Abstract

In recent decades, the architectural project of Jaca Cathedral, a crucial work of Spanish Romanesque, has not received the attention it deserves. The cathedral's architectural innovations prompted responses in Aragon, Navarre, Castile, and France. This article relies upon little-exploited documentation, reveals hitherto unknown building elements and draws its conclusions within the context of a hypothetical restoration of the cathedral around 1100, viewed in plan, elevation and longitudinal section. Examining the architectural composition supports reflecting on the process of construction and its chronology. The design and construction of the whole Romanesque fabric (except the addition of the tower portico) followed a consistent impulse that must have advanced during the 1080s and 1090s. The undertaking can be qualified as ambitious, refined, magnificent, and meaningful, and honours the creativity of the architect and the objectives of its patrons.

During the last fifty years, the sculpture of Jaca Cathedral has attracted the attention of art historians, especially as regards epigraphic and iconographic aspects of its famous west façade, and stylistic components of its capitals and corbels.1 By contrast, the church's architecture, a crucial work of Spanish Romanesque art, has not attracted equal interest, in spite of the line of investigation opened by David L. Simon with his presentation of certain forms of construction as, 'the physical manifestation of Sancho Ramírez's political vision.2 It seems advisable to follow this line of research in greater depth because of its implications for the relationship between Romanesque art, the political context, and the Gregorian Reform. Also, exploring the architecture expands a debate too focused on the potential acceptance of Ubieto's arguments concerning the chronology of the church,3 and on whether there was an initial project promoted by Ramiro I (1035-64) and carried out using First Romanesque formulas.+

One of the reasons for the paucity of studies on the cathedral's architecture may lie in the doubts about the original church project details. A fire in 1440 and the subsequent addition of chapels and vaults obscured key elements pertaining to the composition of the central apse and the original covering of the naves,5 both of which are fundamental to establishing the filiation of the church vis-à-vis the major constructions of the period.

New arguments will permit significant advances based on little-exploited documentation and the investigation of hitherto unknown elements, such as the springing point of the naves' transverse arches, the high windows over the original choir, and the hidden corbels and putlog holes over the later vaults. For other architectural components, such as the western façade's intramural stairway or the particular distribution of windows and oculi, I will propose novel interpretations that address the planning and development of the work. My conclusions will take form by means of a

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## **CONTENTS**

	Romanesque Cathedrals in Mediterranean Europe:	
	Balance and Perspectives	
	Gerardo Boto Varela & Justin E.A. Kroesen	1
I. Sha	aping Cathedrals in the Pre-Romanesque Era	
	The Cathedrals of Early Medieval Italy: The Impact of the Cult of the Saints and the Liturgy on Italian Cathedrals from 300 to 1200 Beat Brenk	9
	French Cathedrals around the Year 1000: Forms and Functions, Antecedents, and Future Jean-Pierre Caillet	29
II. Bu	nilding Romanesque Cathedrals on Older Substrates	
	Between 'Church Families' and Monumental Architecture: German Eleventh-Century Cathedrals and Mediterranean Traditions Matthias Untermann	47
	Aosta Cathedral from Bishop Anselm's Project to the Romanesque Church, 998-1200 Mauro Cortelazzo & Renato Perinetti	71
	Inter primas Hispaniarum urbes, Tarraconensis sedis insignissima: Morphogenesis and Spatial Organization of Tarragona Cathedral (1150-1225) Gerardo Boto Varela	85
III. R	Romanesque Cathedrals in Urban Contexts	
	The Cathedral of Toulouse (1070-1120): An Ecclesiastical, Political, and Artistic Manifesto	
	Quitterie Cazes	109

	The Renovation of Northern Italian Cathedrals during the Eleventh and Twelfth Centuries:	
	The State of Current Research and Some Unanswered Questions	59727
	Saverio Lomartire  Modicyel Cathodral Architecture es en Enisconal Instrument of	119
	Medieval Cathedral Architecture as an Episcopal Instrument of Ideology and Urban Policy: The Example of Venice	
	Xavier Barral i Altet	139
	The Architecture of Jaca Cathedral: The Project and its Impact  Javier Martínez de Aguirre	153
	The Portuguese Cathedrals and the Birth of a Kingdom:	
	Braga, Oporto, Coimbra, and the Historical Arrival at	
	Lisbon — Capital City and Shrine of St Vincent	
	Jorge [Manuel de Oliveira] Rodrigues	169
IV. Litu	orgical Layout and Spatial Organization	
	The Mise-en-Scène of the Holy in the Lateran Church	
	in the Eleventh and Twelfth Centuries	
	Michele Bacci	187
	Liturgical Installations in the Cathedral of Salerno:	
	The Double Ambo in its Regional Context between Sicilian Models and Local Liturgy	
	Elisabetta Scirocco	205
	Romanesque Cathedrals in Catalonia as Liturgical Systems: A Functional and Symbolical Approach to the Cathedrals of Vic, Girona,	
	and Tarragona (Eleventh-Fourteenth Centuries)  Marc Sureda i Jubany	223
		22)
V. Visua	al Discourses and Iconographic Programmes	
	A New Interpretation of the Thirteenth-Century Capitals of the Ancient Cathedral of Lleida ('Seu Vella')	
	Francesc Fité i Llevot	245
	The Iconography of the Cloister of Gerona Cathedral and the Functionalist Interpretation of Romanesque Historiated Cloisters: Possibilities and Limitations	
	Peter K. Klein	259
	The Cloistral Sculpture at La Seu d'Urgell and the Problem of its Visual Repertoire Marta Serrano Coll & Esther Lozano López	276
	The state of the s	275
	Romanesque Sculpture in Zamora and Salamanca and its Connections to Santiago de Compostela	
	José Luis Hernando Garrido	291
List of Contributors and Editors		
Index of Monuments		309
Color Plates		317